



Preview

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

May 2018 | Issue 50

HUB4



Check out the very latest industry news at www.hub-4.com

QUARRYING

RECYCLING

BULK MATERIALS HANDLING



SANDVIK MY FLEET
TAKE CONTROL
OF YOUR EQUIPMENT



SANDVIK



INNOVATION IN A DOUBLE PACK.

THE MOBICAT MC 120 Z PRO AND MOBISCREEN MS EVO

**THE NEW MOBISCREEN
MS EVO SCREENING MACHINES**
The high-precision achievers

THE NEW MOBICAT MC 120 Z PRO JAW CRUSHERS
The high-performance dynamos



STAND Q1

A DYNAMIC INTERPLAY. KLEEMANN crushing and screening machines can be ideally combined to create qualified end-products. The machines skillfully display their strengths in linked machine combinations. The new MOBICAT MC 120 Z PRO mobile jaw crusher and new MOBISCREEN MS EVO mobile screening machines supplement KLEEMANN's extensive product portfolio.

 www.kleemann.info

In this issue

COVER STORY 4

NEWS 7

HILLHEAD PREVIEW 19

SCOTPLANT 120

CARS 122

QUARRYING 124

RECYCLING 131

AGGREGATE RECYCLING 147

BULK 148

CLASSIFIED 151



Hub Digital Media Limited
27 OLD GLOUCESTER STREET, LONDON WC1N 3AX

Issue 50 - May 2018

Sales & Advertising Enquiries:
+44 (0) 20 3637 0385

Global Sales Manager
David Roberts
+ 44 (0)7857 152184
david@hub-4.com

Editor
John Edwards
+ 44 (0)7710 653424
john@hub-4.com

Advertising Accounts Manager
Sophie Morgan
+44 (0) 7532 767 805
sophie.morgan@hub-4.com

Welcome to our 50th edition of the HUB magazine!



This month we present our largest ever issue - a total of 160 pages which include our usual dynamic reporting on the Quarry, Recycling and Bulk Handling industries plus, a huge preview devoted to the Hillhead exhibition.

This issue will also be available at the show from our own stand PC37 and several exhibitors stands.

To celebrate our 50th edition of the HUB magazine we have also launched our new website alongside a 'new look' weekly e-newsletter. Reaction to both has been very positive which has reflected our commitment to maintain market leadership.

We shall continue to adapt to changing industry patterns and maintain our dynamic reporting style through the pages of the next 50 editions!

If you are exhibiting at Hillhead and want to discuss what the HUB can offer you please drop by and say hello we would be delighted to see you.

Two important key dates to remember is our RWM preview will be published in our July edition and once again we will be setting off on our biennial tour of Ireland where we visit all the OEMs and report on latest developments. This is published in our November edition so if you wish to be included please let us know.

Further news:

We have continued to maintain our regular site visits which have become very successful over the years. These have now been developed further with the addition of drone photography through our sister company. Maybe your company would like to cover a success story for you?

Enjoy the summer!

John Edwards
Editor



Magazine Subscriptions - the HUB magazine is available free of charge within the UK, please send an email to admin@hub-4.com stating your name, title, company, full postal address and email address. We will then review your application. The HUB Magazine is also available in Europe, Ireland, the USA and Worldwide on a paid subscription basis at £115 (+ VAT per year where applicable) for six issues, please email admin@hub-4.com for more details or call +44 (0)20 3637 0385.

Presenting the mobile digital solution at Hillhead 2018

Hillhead 2018 will see Sandvik Mining and Rock Technology Mobile Crushers and Screens highlight the total solutions nature of its world-leading equipment ranges. This year will see the launch of new products and services, new digital solutions, as well as live demonstrations in front of the stand.

The Sandvik range of mobile crushing and screening equipment provides solutions for virtually any application and encompasses such diverse businesses areas as surface rock quarrying, excavation, demolition, recycling and civil engineering. The all-encompassing range has provided customers across the world with the very latest developments whether working independently, or in conjunction with other equipment from Sandvik's offering.

As well as mobile crushing and screening equipment, Sandvik Mining and Rock Technology produces ranges of underground excavation and mining equipment, rock tools, drilling rigs, breakers, tunnelling equipment, stationary crushing and screening machinery and bulk-materials handling systems. Equipment purpose developed to deal with virtually any mining, quarrying or construction application.

The very latest at Hillhead 2018

As the world's leading 'live-action' show, Hillhead 2018 will see Sandvik highlight the total solutions nature of its mobile screening and crushing offering. A number of global product launches are planned, with demonstrations of mobile crushing and screening equipment being held in front of the stand. Other exciting developments will be demonstrated on the stand itself.



Products being shown include:

- QJ341 best-selling jaw crusher
- QJ241 compact jaw crusher
- Screening media and aftermarket solutions
- QE342 screener – Global Product Launch
- Sandvik My Fleet – Global Product Launch

What makes Hillhead exciting and different, are the live equipment demonstrations at the quarry face. This year Sandvik will be demonstrating the following mobile crushers and screens:

- QJ341+ jaw crusher with pre-screen
- QA451 Hybrid Doublescreen
- QH332 DDHS Hydrocone crusher – Global Product Launch



STAND J1



Virtual reality experience and digitalisation

In order to provide visitors to the stand with an insight into what makes the new QH332 with double-deck hanging screen such a major development in cone crushing, the very latest digital technology will be used to showcase its innovative features. This will take the form of a 'virtual reality' presentation and walk through.

Continuing this theme, Sandvik will also show how it has used the very latest technology to help its customers get the very best from their investment, with the launch of Sandvik My Fleet. This is a fleet management tool which provides critical data on GPS location and machine utilisation. The remote monitoring system enables customers to optimise their machine operation and work more efficiently through accessing a functional portal interface.

With live demonstrations of some of the most important pieces of Sandvik equipment being held regularly throughout the day, a focus on providing solutions for our customers, and virtual reality tours, Hillhead will certainly be a showcase event for Sandvik Mining and Rock Technology in 2018.

The Sandvik stand will be located at: Stand J1. We look forward to seeing you in Buxton!

Hillhead takes place from 26th - 28th June 2018 and is held in Buxton, Derbyshire.

Crusher Spares Ltd.

Keeping your Crushers Crushing



Now in stock
Heavy duty, longer lasting
deep tooth jaw plates

**We also stock parts to suit Kue Ken, Brown Lenox, Extec
Fintec, Hartl, Parker & Pegson Wear parts**

Crusher Spares Ltd. • Unit 6 East Side • Cambrian Ind Est • Coed Cae Lane • Pontyclun • Mid Glamorgan • S. Wales • CF72 9EW

Tel: **01443 228329** Mobile: **07817 925096**

Email: [**craig@crushersparesltd.co.uk**](mailto:craig@crushersparesltd.co.uk)

Website: [**www.crushersparesltd.co.uk**](http://www.crushersparesltd.co.uk)

Blue Make it a Hat-trick of Awards at the Powerscreen Global Conference



L to R: John Garrison CEO of Terex, Pat McGeary Chairman Blue Group, Colin Clements Product Line Director Powerscreen.

Blue Group collected an impressive three awards at the recent Powerscreen Awards Ceremony, which was part of Powerscreen's Global Conference, held in Miami, Florida.

The event began on March 19th at the Turnberry Isle Resort, with dealers and customers coming together from across the world for a pre-event catch up. The following day began early in the conference room, with presentations from Colin Clements, Powerscreen's Global Product Line Director, Joe Cassidy, Regional Sales Manager at Powerscreen and Dearbhail Mulholland the company's Marketing Manager amongst others. There was also a question and answer session with Blue Group's Austin Carey and Powerscreen Sales Manager for the UK, Barry O'Hare, highlighting to all attendees at the event how Blue Scotland are leading the way in terms of customer service.

The afternoon sessions were about drilling down in to the details. Working in separate groups the attendees from the 70 distributors present, held discussions with the Powerscreen Management Teams on topics such as New Product Development, Training, Customer Support and Marketing.

The following day was all about the seeing the machines in action. On live demo was the new Chieftain 2200 screener, 1150 Maxtrak cone crusher and Warrior 1200 screener as well as a Trakpactor 550 Impactor Crusher, Metrotrak jaw crusher and Premiertrak 400X mobile jaw crusher. The machines were on display, along with a further 17 static machines at a Cemex quarry, just on the outskirts of Miami.

That evening it was the much anticipated Global Leader Awards, with Blue Group enjoying a highly successful night. Blue Southern's Brian Maxwell picked up the award for Global leader in Technical Support Innovation. This was related to the Blue Southern Service Team's pursuit of aftersales excellence as well as a number of innovative solutions introduced that enables their field service engineers to troubleshoot quickly. Blue Scotland and Austin Carey collected the Global Leader in



L to R: John Garrison CEO of Terex, Brian Maxwell Blue Southern, Colin Clements Product Line Director Powerscreen.

Safety and Customer Experience. This particular award related to the way Blue Scotland excel in looking after customers and building relationships by offering operator training, machine demonstrations and a highly supporting handover process. Pat McGeary completed the hat-trick with the Global Award for Commitment to Sales Team Development. Pat and the team at Blue Central have developed a highly successful sales team which is supported by a strong emphasis on product training.

Commenting on the awards, Pat McGeary, Chairman at Blue Group said, "These awards are testament to the hard work demonstrated by all the staff at Blue Group, along with our commitment to continually lead the way in machinery sales and customer support best practice. We are very proud to be associated with such a progressive and leading brand such as Powerscreen, and to be recognised by them for the work we do is immensely pleasing."

ALWAYS

Warman

SINCE. 1938



ALWAYS INNOVATING

A NEW GENERATION OF GREAT

For 80 years Warman has been at the forefront of pump technology. The second generation WGR® is no exception. We've listened to what you need and innovated to create a pump that works harder than ever. The replaceable impeller and liners are manufactured using Linatex® premium rubber, a proven performer in the sand and aggregate market. Plus the streamlined slurry flow path reduces recirculation and energy consumption, making this the best pump we've ever designed for sand and aggregate sites. Visit www.warman.weir to learn more.

WEIR

Minerals
www.warman.weir



Visit us at
Stand A10

Volvo Construction Equipment unveils its new range of Volvo-branded rigid haulers to customers and dealers at the company's Motherwell facility in Scotland



All eyes were on the new range of Volvo-branded rigid haulers this week when Volvo Construction Equipment (Volvo CE) officially launched the new machines in front of customers and dealers at the company's Motherwell facility in Scotland. Guests got their first glimpse of the new machines - which consist of the 45-ton R45D, 60-ton R60D, 72-ton R70D and the flagship 95-tonne R100E - on Tuesday April 10th. The star of the show was the R100E, a completely new rigid hauler that combines a wealth of market and customer knowledge with proven components, new technologies and a striking new design - all providing a cost-effective and productive solution to fulfil the needs of today's mining and quarrying customers. The new four-model range is initially available in less regulated markets.



With a focus on helping customers achieve production targets faster – and using less fuel in the process, Volvo’s new rigid haulers are made for surface mining and quarrying applications where operational costs and safe operations are critical. Uptime and productivity are centered on the range’s durable design that promotes high component protection and longer lifecycles. Efficient and intelligent, the Volvo haulers boast a competitive power-to-weight ratio, effective gearing and weight distribution that gives the tractive effort to allow the machines to traverse steep slopes in total control.

As well as having the chance to inspect the new machines, guests at the landmark event – which was held between April 9th-11th – also got to the opportunity to test drive the all-new flagship R100E, see how the rigid haulers are designed and made and watch them in action at a nearby quarry.

VOICE OF THE CUSTOMER

With customer input key to the development of the new range of rigid haulers, the machines have undergone extensive field testing – with very positive results. One such customer is Trollope Mining Services, a contract mining company based in Johannesburg, South Africa.

“The Volvo R100E is an impressive design that offers a good balance between productivity, fuel efficiency, comfort, ease of maintenance and safety,” says Sagrys De Villiers, Site Manager at the Manungu Colliery. “We are sure that this truck will be a strong competitor in the rigid truck market in the future.”

“The R100E is capable of carrying an extra bucket pass compared to other 100t trucks being used on the site,” agrees Workshop Manager Danie van Niekerk. “This means extra productivity for the mine, which is very valuable. Speed and acceleration of the hauler on inclines compares favorably against competitor machines, even when fully loaded and carrying more material.”

COMBINING HERITAGE AND INNOVATION

The E-Series R100E is a completely new machine that delivers stability, a long service life, high profitability, durability and

comfort. With its high capacity and hauling speeds, new V-shaped body, efficient hydraulics, intelligent monitoring systems and operator environment, Volvo CE demonstrated how the rigid hauler will help customers in the mining and quarrying segments move more material in less time. Moreover, the R100E is also quick and simple to operate and maintain.

Based on the existing and well-proven Terex Trucks TR-Series, development of the D-Series R45D, R60D and R70D Volvo rigid haulers follows an in-depth engineering review, ensuring that the machines meet the standards expected from Volvo products in their target markets and segments. Improvements include greater visibility and safety systems, along with Volvo technical support and branding.

“It was great to invite customers and dealers to the site where the new Volvo-branded rigid haulers are being manufactured,” says Thomas Bitter, Senior Vice President of the Marketing and Product Portfolio (MaPP) function at Volvo CE. “We’ve been working on the new range since Volvo CE acquired Terex Trucks in 2014. The development of these machines has relied heavily on the longstanding rigid hauler expertise of Terex Trucks as well as customer input and the technological strength of the Volvo Group.”

“The proven design of the Terex Trucks rigid haulers provided us with a strong DNA on which to develop Volvo CE’s innovative entry into this product line,” agrees Paul Douglas, Volvo CE’s Vice President of Rigid Haulers and Managing Director of Terex Trucks. “The R100E has been designed to meet customer demands for a rigid hauler that delivers high performance and productivity, low total cost of ownership, easy serviceability and good operator comfort. It, along with the rest of the range, builds on Terex Trucks’ 84-year heritage and incorporates the customer feedback and market knowledge we have built-up over the years.”

WASTE RECYCLING SOLUTIONS

EQUIPMENT SALES | HIRE | LEASING

SHREDDERS



Slow, medium and high speed shredders available to suit all waste streams.

RECYCLING SCREENS



A variety of trommel, star and vibrating screens to size materials and separate fines.

WASTE HANDLERS



CASE and TEREX (Fuchs) waste handling equipment in tracked & wheeled models.

SEPARATORS



Eddy current & density separators for recovery or removal of waste fractions.

WHEEL LOADERS



Full range of waste specification wheel loaders available with choice of bucket.

TEREX TDSV20 MEDIUM SPEED SHREDDER

This shredder creates a sized product with minimal fines content, giving a one pass solution for the biomass industry.



Warwick Ward

01226 747260
warwick-ward.com

CASE
CONSTRUCTION

TEREX

ECOTEC

ECOHOG

We are an award winning UK dealer for the following brands:

ECCO Safety Group launch their new European manufacturing facility headquarters in Leeds



Digger in tunnel worklamps

From their European Headquarters in Leeds, UK, ECCO Safety Group (ESG) are now poised to extend their market penetration across Europe and the UK. HUB-4 were invited to the ESG press event on April 17th to meet the management team, learn more about the business and take a good look at the recently opened manufacturing facility.

Bought by Berwind in 2007, a private equity company established in 1886 and based in Philadelphia, USA, ESG have the long-term backing of a multi-billion dollar 5th generation family owned business who operate 70 manufacturing plants and offices in 100 locations on five different continents. This long-term commitment to ESG means that they are focussed on long-term capital appreciation and extremely high-quality product development. The business has seen many tactical acquisitions over the last few years including Premier Hazard, Britax, Preco, Vision Alert, Nova, Delta Design, PSE Amber and Hazard Systems, and now ESG has brought all that knowledge and expertise together to move forward with its two key brands, ECCO and Code 3. By 2020 all existing product will see this new branding re-alignment.

Code 3 manufacture and supply LED emergency vehicle lighting systems and sirens across the globe to police, fire and EMS services and ECCO manufacture and supply LED 'amber' vehicle safety lighting and reversing systems across agriculture, airports, bus and coach, commercial vehicle, recovery, utilities, mining, construction and material handling industries. The products that make up the portfolio for ECCO include beacons, camera systems, directional LED's, interior lighting, lightbars, minibars, reversing alarms, safety directors, utility bars and work-lamps.

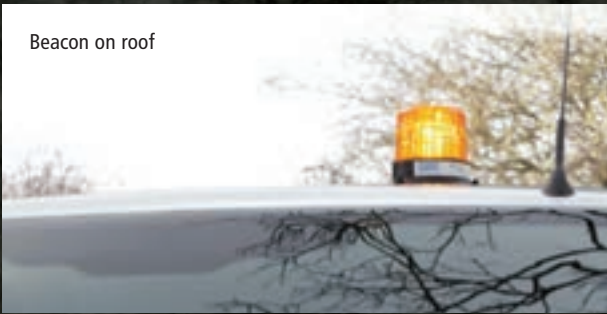
We talked with Enrico Vassallo, Managing Director of ESG EMEA who told us about ESG "Our commitment here at ECCO is to provide the best safety system protection for our

customers by providing the best working environment and manufacturing systems for our employees along with cutting edge research and development in our products. We want to provide a total 360° solution which encompasses all of our high quality and proven product range. We have 8 plants globally with our Leeds and Melbourne facilities being the latest additions to that portfolio. We have a total of 400,000 sq ft global manufacturing and logistics space, 700 staff and last year we turned over \$230m US dollars, with a split of 50% to the USA, 35% to EMEA and 15% to Asia Pacific."

"We have invested £2.8m in our new facility in Leeds and now employ 117 people running two shifts each day to cover a 16hr manufacturing period. Our current output is 15,000 units per day, but we have the ability to increase this to 45,000 units per day as demand grows."

Enrico talked further about their customer base and its importance "We have a 3,000 strong dealer network around the world selling and installing our products and we also put a lot of importance on our relationships with original equipment manufacturers (OEMs). Currently we supply around 500 OEM's including companies like JCB, Caterpillar and CNH (CASE and New Holland) and although these clients are global we make sure that we work with them individually in each country to provide the correct products for their region. We work very hard to innovate new products for our clients and currently hold over 170 trademarks and 151 design patents."

Beacon on roof



Left to right – Councillor Jane Dawson, Lord Mayor of Leeds with Enrico Vassallo, Managing Director ESG EMEA



"In terms of growth we are poised to expand our market share across the EMEA region with the capability that this new European manufacturing facility gives us. Over the next 2-5 years the expected safety systems market size globally is going to expand to around \$2bn and we are in an ideal situation with manufacturing plants spread across the world to take advantage of this increase. Here in Europe the UK currently accounts for 42% of sales with Germany at 18% and France at 15%, so again we have huge potential for growth in the German, French and southern European markets."



Factory tour and one of the work station cells

Manufacturing Facility Tour

The press were then given a complete guided tour of the design and manufacturing area hosted by David Noble, Production Manager, Phil Stothard, Logistics Manager and Richard Nadin, European Engineering Director. Richard started by talking about engineering "We have 20 engineers based

here in the UK across the disciplines of CAD, Test, Design and Project Management. Our CAD engineers look after all the solid works drawings, the CAD system and assembling structure for production. Our test team look after all the elements of the test from approvals and submissions through to environmental, photometric and EMC testing. Our design team is split into disciplines of electronics, industrial design, mechanical and firmware engineering. Project management is tasked with looking after all projects with effective timescales and task management."

David Noble talked to us about the manufacturing floor "We produce over £51m of product from this facility and our people are our most important investment in our business, recently attaining ISO 9001 and ISO 14001 which now allows us to supply directly into the automotive industry. The manufacturing area is made up of 39 individual work station cells that are each set up to produce a specific product. All cells are fully digitized meaning that all assembly and technical data is viewed by the operator on-screen and allows for instant updates of the production process."



Kathrin Aster, Director of Sales ESG in the fully functioning ESG showroom where clients can get up close with all products.

Directional safety light



A system of notification lights above each cell also indicates if there is an issue and alerts another team member to action. Toolbox talks are also carried out to communicate any quality faults or updates to the whole team and then pushed out to each cell on-screen. The factory is divided into four main production areas, beacons, lightbars, lamps, and Code 3 light bars with sub-assembly areas feeding into these main production cells."

Phil Stothard, Logistics Manager added "We have invested heavily in a state of the art warehousing system which includes wire guided vehicles for picking parts with a fully integrated bar code system for accurate stock management and tracking through the entire production process. First-off testing has also been implemented recently where every product, before it goes into manufacture, is fully tested to ensure that the correct systems are in place, the correct parts are available, and the correct assembly techniques are used."

For more information on ESG and the ECCO range of products please visit www.eccoesg.co.uk



POWERLATCH **TILT**

PERFORMANCE FROM
EVERY ANGLE



180° ATTACHMENT
VERSATILITY



The move from standard fixed quick coupler to a tilt coupler is nothing short of a complete revolution in terms of machine productivity and performance.

DRIVEN BY INNOVATION

MILLERGROUND BREAKING.COM

Evoquip introduce new models to their comprehensive portfolio of crushing and screening machines



The HUB team recently attended the Evoquip open day at Creeton Quarry, near Grantham.

Five machines were being put through the paces which included the Bison 280, Colt 600 and the Cobra 230R and the launch of two new machines the Cobra 290 and the Cobra 1000.

The HUB team were particularly interested in the two new machines and Matt Dickson – Business Line Director for Evoquip took us through the specification of the Cobra 290. "The Cobra 290 is a versatile and easy to use compact impact crusher that can operate in the most demanding of applications such as reinforced concrete, recycled asphalt, C&D, coal and natural rock. It is the perfect solution for on-site recycling in urban areas and is easy to transport from site to site where it can be rapidly set up from ground level. This along with the intuitive two-button start up sequence ensures the customer can be crushing in minutes."

Driven by a 315Hp Volvo engine to power the fuel efficient and high performing direct drive system that runs the impact crusher the Cobra 290 has the throughput potential of up to 290tph depending on feed material and apron settings.

Material is fed into a fully enclosed 3.3m³ hopper, which eliminates any potential for material spillage down into the engine bay beneath.

Configuring the machine to suit differing applications is straightforward. Although the standard aperture on the pre-screen is a 40mm hexagonal punch plate it is simple to select



an alternative size, a grizzly screen or a blanking plate all of which are fully interchangeable with one another.

Matt, continued, "On passing through the punch plate the fines material then flows down the by-pass chute the customer again has the ability to select whether they want to blend this material in with the crushed product or to divert out the side of the machine via the optional by-pass conveyor by rotating a flap gate."

At the heart of the Cobra 290 is the Terex CR055 Impact Crusher. This impactor has been developed using proven components and technology from some of our larger impactors within the Terex range.

The Cobra 290 was certainly designed with the operator in mind in terms of ease of use and serviceability. With ground level access to the engine, hydraulics, service and refuelling points it ensures maintenance is easy for the operator. This is further enhanced with other features such as the hinged radiator pack, hinged diesel tank and product conveyor that can be removed quickly for major maintenance.



Matt Dickson
Business Line Director for EvoQuip

Colt 1000:

The second machine, the Colt 1000 was set up at the open day to work in tandem with the Cobra 290.

This is the latest addition to the EvoQuip scalping screen range and is the largest screen in their portfolio. Designed from the ground up using the years of expertise within the Terex design team who have created a machine that is large enough to deal with very high production sites but compact enough to meet the requirements of an ever-changing market.

Matt commented, "A very versatile and mobile machine with a very compact footprint the 400tph+ Colt 1000 maintains the ethos of EvoQuip. We offer an entire reconfiguration from the factory in two forms. The standard configuration discharges the fines product to the right-hand side of the plant with the mid-grade on the left. As an option, both conveyors may be ordered reversed from the factory. Further conversions are available once the Colt reaches the field where both conveyors can be placed on the same side of the unit however they need to return to its original configuration for transport."

The feeder system has class leading capacity through the folding hopper extensions. The 1000mm wide conveyor complements the screen to ensure minimum spillage and maximum screen area is managed from the feed point.

With accelerations reaching up to 6g and speeds more than 1,000rpm, the Colt 1000 screen is a powerhouse of production managing the most difficult and sticky scalping applications.

The Colt 1000 also includes a variable screening angle to adjust screen performance to the application in hand which is another key feature of the design and sets itself above most of the competition in its class.

We also noted that one of the single biggest advantages is its fines product conveyor. By coupling a broad belt and proud discharge height, the product distinguishes itself amongst its competition. It stands alone in this regard and can deliver the largest volumes of fines to the biggest stockpiles, ensuring operators can focus on other duties than regularly clearing the fines product.

It was a great open day where the new machines performed efficiently, and it was plain to see user friendliness is at the heart of the brand, with new products development with a focus on simplicity, easy maintenance, fuel efficiency and ease of transport.



WE HAVE SHARP TEETH.

MST offers a wide range of replacement teeth to fit directly onto your existing adapters including standard, abrasion, rock chisel, tiger and twin tiger.

MST also offers a selection of patented systems such as the hammerless Esco Ultralok system and the Combi Proclaws system for quarrying applications.

See us at Hillhead 2018



SALES

North - Durham 0191 410 5311
South - Birmingham 01527 508 800
Scotland - Glasgow 01236 856 500

sales@mstpartsgroup.com
www.mstpartsgroup.com

URGENT ASSISTANCE?
0845 838 0706

Experience the Progress.



Visit us at:

Hillhead 2018

26th – 28th June 2018
Hillhead Quarry, Harpur Hill,
Nr Buxton, Derbyshire
SK17 9PP,
Booth Z4

Liebherr-Great Britain Ltd.
Normandy Lane, Stratton Business Park
Biggleswade, SG18 8QB
Phone: +44 1767 60 21 00
E-mail: info.lgb@liebherr.com
www.facebook.com/LiebherrConstruction
www.liebherr.co.uk

LIEBHERR



Hillhead 2018 Preview



QUARRYING

RECYCLING

BULK MATERIALS HANDLING

IT'S COMING... **GAME CHANGER** FOR WASH RECYCLING GLOBAL UNVEIL AT HILLHEAD 2018 VISIT US AT STAND H6

6

PRODUCTS

UP TO
300
TONNES
PER HOUR

1

MACHINE

SCALING UP PRODUCTION, DISRUPTING STATUS QUO, WASHING AS IT SHOULD BE



For more further information contact TWS.Sales@terex.com

www.terex.com/washing



Stand RA17
HILLHEAD 2018

AS SEEN ON
GOLD RUSH



Martin is proud to partner with **316 Mining** to prevent material spillage and loss, helping keep their conveyor belts clean, safe, and productive.

Visit with **Trey Poulson** and the **Martin Engineering** Crew in person at **Stand RA17** at **Hillhead 2018** to learn more!



m martin
engineering

call **+44(0)115 946 47 46**
visit **martin-eng.co.uk**

A GLOBAL FAMILY



© Registered trademark of Martin Engineering Company in the US and other select locations. © 2018 Martin Engineering Company. Additional information can be obtained at www.martin-eng.com/trademarks and www.martin-eng.com/patents.



The Ultralok® tooth system is a two-piece, hammerless tooth system featuring an intergrated locking device that increases safety, reduces inventory and simplifies replacement.

MST Parts Group, based in County Durham, has strengthened their relationship with the bucket wear part manufacturer, Esco Corporation, by increasing their approved dealership territories for the UK. MST is now the approved Esco master dealer for Scotland and most of England. Esco manufactures a complete range of cast teeth, adapters, wear shrouds, cutting edges and many more wear products designed to perform in the construction, quarrying, demolition, recycling and waste applications.



MST are proud to represent the premium Esco product in the UK.

To help service the UK, MST hold stocks of the distinctive green Esco wear parts in four strategically located stocking points in Aberdeen, Glasgow, Durham and Birmingham. Esco parts can also be shipped for next day delivery to most parts of mainland UK.

Superior Field-Proven Alloys

ESCO steel alloys have the best balance of the two main things you want in a tooth: toughness and hardness. Increased toughness helps prevent breakage, and higher hardness provides a longer service life. While some competitors may come close on one of these measures, no manufacturer can offer you both like ESCO. The chart below shows test results from a variety of tooth system manufacturers from around the world.

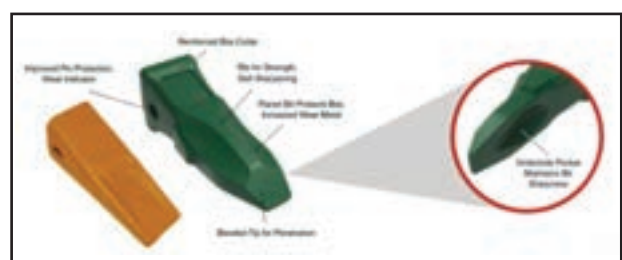
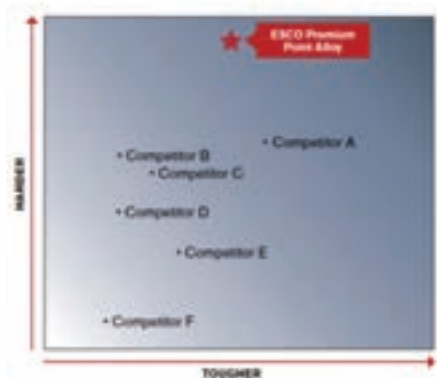
Data is based on lab testing of sample competitive parts and is only an indicator of actual field performance.

ESCO is the Leader in Design Innovation

With over 100 years of experience in developing market-leading products, ESCO has the expertise to enhance the performance of original equipment systems. Esco's innovative design modifications provide greater customer value through optimized wear life, productivity and reliability for a wide range of applications.

On-site technical measurements

To help service the Esco product range, MST employ 9 technical sales managers located across the UK, that are fully trained to be able to measure and identify bucket wear parts on site. MST's technical managers can also provide advice and support to ensure the customer is using the correct wear parts for their application.



For any Esco enquiries contact MST Parts Group on 0845 838 0706 or email sales@mstpartsgroup.com





DOUBLE BARREL XHR

UP TO 70% RAP¹



DOUBLE BARREL XHR

The high RAP capability of the Astec Double Barrel[®] XHR is taking the industry by storm. Operating this drum results in real savings that add up.

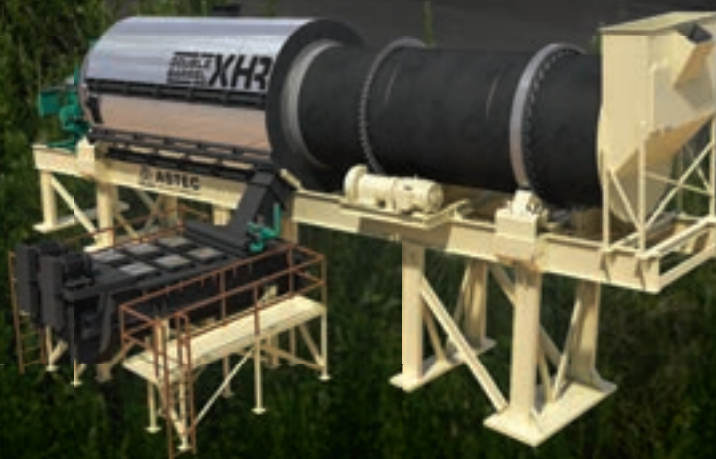
Reliably produce mix with up to 70% RAP content to save raw material cost.

Operate in the most efficient way possible and save fuel with the V-Pac[™] stack temperature control system².

For more information, please contact:

Andrew Pettingale | BG Europa (UK) Ltd

☎ +44 (0) 1440 821155 📠 +44 (0) 1440 821156



¹ Based on 3% moisture

² Only available on the ASTEC family of asphalt plants

ASTEC, INC. an Astec Industries Company

4101 JEROME AVENUE • CHATTANOOGA, TN 37407 USA • 423.867.4210 • FAX 423.867.4636 • astecinc.com





BG Europa present innovative asphalt and aggregate processing technology at Hillhead 2018

Once again BG Europa will exhibit at the forthcoming exhibition at the Hillhead Quarry which will be held on June 26-28th.

BG Europa (UK) Ltd are a family owned business who aim to provide customers with quality equipment that offers low operational costs and long-life expectancy at competitive prices. The importance placed on in-house engineering expertise allows the company to provide equipment to exactly match customers' requirements, whether from the company's own range of asphalt and aggregate processing equipment or the Astec and FMA Ullrich product ranges.

On display will be a cut-away model of Astec's flagship double-barrel drum dryer/mixer, giving Hillhead attendees a chance to see this innovative technology from the inside out. Visitors to the stand will be able to discuss various options for RAP addition on a range of batching and continuous processes, as well as turnkey options for aggregate drying, dust control, aggregate mixing and hot asphalt storage.

We will be on stand V2, where you will receive a warm welcome, please drop by and say hello.



Vulcan Burners launch new products for Hillhead 18

Vulcan Burners is a market leader, in innovative research & development towards cleaner and more efficient combustion systems for the Asphalt & Material handling processes. Throughout 2017 and into Spring 2018, in the wake of the Brexit vote, Vulcan Burners heavily invested into the R&D of new products & marketing of the Vulcan brand ensuring that we will be at the forefront of existing and new emerging markets on a global scale.



Surface burner installed



Batch Series Burner Angled

With the marketing campaign, the Vulcan brand expanded heavily on a global scale with international marketing tours through Europe, Canada & North America, attending many local shows & conferences including exhibiting at the international asphalt focused "World of Asphalt" exhibition show & conference in Houston, this being a particular highlight on the exhibition calendar, as well as the exhibition area over 3 days, there are numerous workshops and seminars with speaker discussions on current hurdles in the industry, new technology and science involvement in modern mixes such as RAP use and recycled material additives. This show being a successful show, gaining a wealth of information and new ideas as well as our exhibition team greeting many new and existing clients. The exhibition calendar is not quite over yet, with attendance at Intermat Paris recently and the UK flagship Hillhead 2018 show taking place this June. Vulcan Burners will be officially launching the new innovative product lines at this event.

With R&D in mind and after recent successful projects, Vulcan are delighted to officially launch our latest products to our existing range, the Vulcan Surface Burner, the Vulcan Batch Burner and the Vulcan Eco-mode Pilot Flame at this year's Hillhead event.

Each new product has been specifically designed with the customers' needs in mind. For instance, the Vulcan Surface burner has new features such as a double skin combustion box, enabling the heat to recirculate back into the burner blower, this feature facilitates the increase of length to the combustion zone which in turn increases production rates and reduced fuel consumption. Also due to the combustion box location, there is no impact from the material in the dryer increasing product longevity so no expensive replacements!

The Vulcan Batch burner is a game changer to the industry, it has a forced draft flame, the batch burner also has a modulating flame feature which provides control of the maximum fuel output, this will provide huge fuel savings compared to the standard on/off flame cycling to current batch burners in the market. The design is compact with no linkages or levers which also provides ease of maintenance. With the first Batch Series burner installed and operating from early spring, fuel savings of 25% has been made on standard virgin aggregate production alone. The site management and operators have provided excellent feedback explaining how user friendly the burner and its BMS system is to use compared to the old dated system and extremely impressed in its efficiency and power, as it has increased their production rate on the system, they can now produce the desired material in much less time than before.

The Batch Series burner which was dispatched and installed at our customers site in January, is a bespoke angled Batch Series burner, the design concept of the burner means it can be adapted & is versatile for restricted space as well as the standard Batch series model.

This burner is an ideal replacement for any plant that has an open-ended design burner. Also due to the flame design, it is the decisive product for any potential customer hoping to increase their production rates as the flame shape allows an additional 0.5 meters of drying capacity with the existing dryer.

Finally, the Vulcan Eco-mode pilot flame system, this is an optional addition to the burner which provides a direct fuelled pilot flame that provides up to a 96% fuel reduction when the burner is on tick over compared to 0% main flame. This can facilitate fuel savings of up to £4500.00 per year based on up to 1 hour of tick over a week! The Eco-mode pilot flame will come standard in the Batch burner series and can be an optional extra for all other burner series.

Ian Lewis, Senior Engineer and Vulcan founder; "The new Surface and Batch burner series performances are exceptional, with burners already commissioned in the UK and North America, Vulcan is setting the standard for efficiency and quality on an International scale. We strive to always problem solve the issues that our customers are facing on day to day basis on their old existing plant and eradicate





Burner R&D site



Engineer R&D

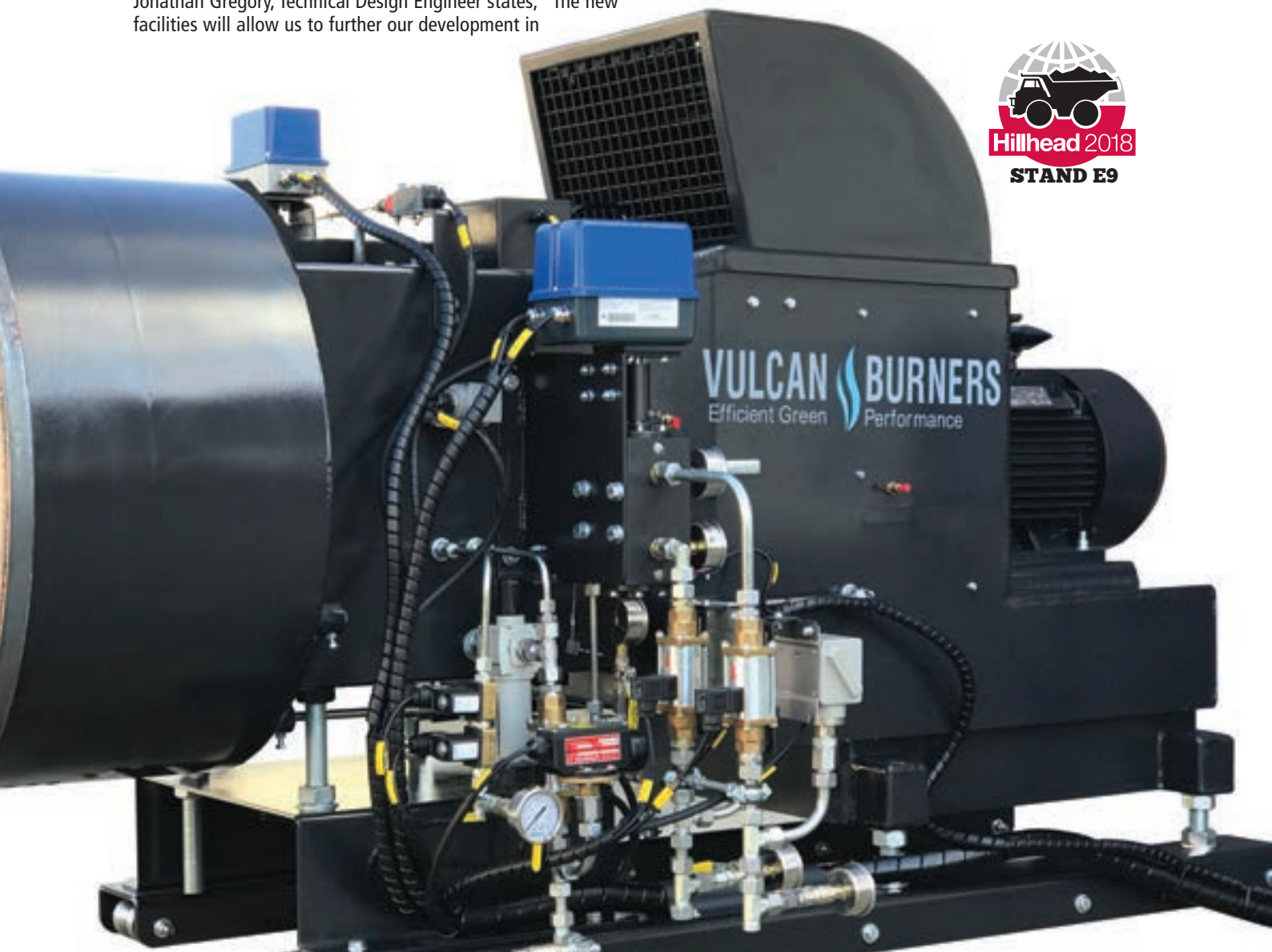
these hurdles through our new products. This allows not just a direct replacement but a new improved system that provides results to the customer"

Our commitment to place innovation at the forefront of our agenda is shown with the development of our new testing facilities which is well underway. The new facilities will allow R&D projects to flourish, providing amenities for testing, research and bespoke projects for both Vulcans technical department and their customers. With completion in sight, we believe that this will firmly put Vulcan at the cutting edge of future combustion technology.


Jonathan Gregory, Technical Design Engineer states; "The new facilities will allow us to further our development in

combustion design & provide our customers with fuel efficient solutions, enabling the industry to strive towards its green targets quicker."

If you are interested in any of our featured products & servicing plans or would like to discuss your current plant requirements with our representatives, we invite you to attend the Hillhead 2018 show in Buxton and visit Vulcan Burners on Stand E9. Not only will the featured products be exhibited, the rest of the Vulcan range will also be on display, additionally our consultancy team will be on hand to provide any required advice.



EXCEPTIONAL



X
SERIES

Introducing the first of the new X SERIES the 220X. We've used ergonomic design, automotive quality materials and engineering excellence to deliver exceptional comfort. And with ride comfort and low noise to rival the best in the business, there's enough to make even the most demanding operator extremely happy.

AL COMFORT



WWW.JCB.COM/XSERIES





BURNERS SERVICES CONSULTANCY INNOVATIONS

- Vulcan Burners UK No1 Choice in Asphalt Production
- Vulcan Burner Range for Oil, Natural Gas, LNG & LPG Configurations
- Save On Your Fuel Bill Today
- Free Site Survey Available
- Finance Options Available

✉ 3 Desertmartin Road
Tobermore
Northern Ireland
BT45 5QY

💻 sales@vulcanburners.com
☎ 0845 519 3033
+44 (0)28 7946 9501 (Int)

Contact Vulcan for
more information!

www.vulcanburners.com
www.vulcanasphaltgroup.com

Make the safe choice with Yanmar



Barrus will be focusing on the upcoming EU Stage 5 engine emission regulations at Hillhead, and, as the UK distributor for engine manufacturer Yanmar, they will be reassuring customers that Yanmar remains ahead in the emission game.

The new emission standards for non-road diesel engines come into force in 2019 and 2020 and will apply to machines used in construction, industrial and agricultural applications. The objective of the standards is to progressively reduce particulate and NOx emissions and to phase out equipment with the most polluting engines.

Yanmar customers with TNV-CR water-cooled series industrial engines are already prepared for the introduction of EU Stage 5 regulations in 2019. "The Yanmar engine range is the result of decades of experience, providing the perfect combination of clean emissions, excellent durability and low cost of ownership," commented John Day, General Manager of the Industrial Division at Barrus. "Yanmar Stage 5 engines have a compact profile and the same footprint as Stage 3A engines allowing for a smooth, trouble-free transition."

Yanmar engines are available as a powerpack, radiator and air cleaner mounted, including wiring harness and CAN panel. The clog-free Diesel Particulate Filter (DPF), even under light load conditions, can be mounted in multiple positions for greater flexibility where space is limited. "Another key benefit is Yanmar's unique exhaust gas management technology for the DPF, which has a life cycle of between 6,000 – 10,000 hours and beyond depending on the application," John Day added. "This effectively means that the DPF is maintenance free for the lifetime of the machine."

Customers currently using Yanmar Tier 4, Stage 5 engines include TrommALL, who manufacture and distribute mobile screening equipment. They have recently gone 100-percent with Yanmar across their range of machines. "Using Yanmar has opened so many doors for us," commented Ger Smullen, Business Development Manager for TrommALL, "Everyone knows Yanmar, the service is known worldwide."

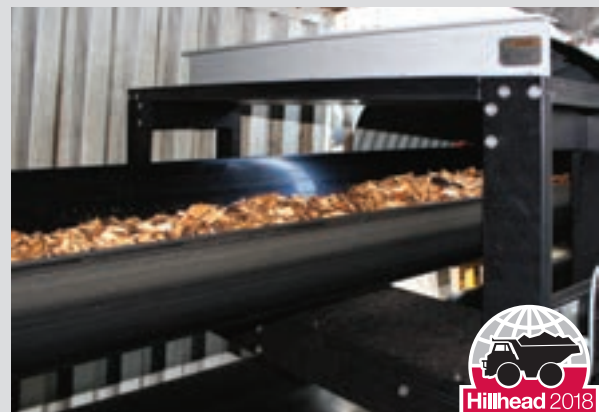
Barrus worked with TrommALL on the engine specifications, and all the TrommALL 5000 Series machines now use the Yanmar 4TNV98C (45kW/60hp) engine with the smaller MS2500 range powered by the Yanmar L100N 7.4kW/10hp.

For further information on this and other applications, visit the Barrus stand G15. The TrommALL 5800TR and 2500GTR will be exhibited on the Molson Group stand J3.

Eriez launches newly certified ATEX MetAlarm Metal Detectors

Eriez Magnetics Europe will be giving visitors an exclusive first look at one of their newly certified MetAlarm EX ATEX metal detectors at Hillhead 2018. Launching exclusively at the show, visitors to stand G11 can see demonstrations on the MetAlarm EX ATEX 21 metal detector model.

Eriez worked with notified company SGS Baseefa, located in Buxton, on the development and certification of the new ATEX range in response to market demand for a heavy industry metal detector that is compliant with the European ATEX directive for equipment, intended for use in explosive dust atmospheres. Having passed rigorous testing and quality audits, the ATEX 21 certified units are the latest addition to the MetAlarm range.



The Eriez EX MetAlarm detectors will continue **STAND G11** to provide the reliable detection performance seen in the field for almost 20 years, with the added benefit of now also being ATEX 21 and ATEX 22 compliant. The MetAlarm units already hold a market-leading position within the mining, quarrying, recycling and processing industries, offering reliable and user-friendly performance for ensuring machinery protection and product quality. The ATEX 21 units will now extend the scope to applications in explosive dust environments where ignitable materials such as biomass, wood or coal are present. In environments where explosive dusts are present, sparks from undetected metal contamination could be a potential ignition source.

The MetAlarm EX range for ATEX 21 and ATEX 22 dust zones provides a fully certified solution for customers looking to be alerted to the presence of metals in order to reduce the risk of explosions within their plants.

The EX-3000, EX-3500 and EX-3600 models provide a range of metal detection sensitivities. All models within the range are equipped with IP66 stainless steel enclosures and are suitable for operation with 115V/230V 50/60Hz power supplies.

For more information on the ATEX metal detectors and to see Eriez' range of magnetic separation solutions, visit stand G11 at Hillhead on the 26th to 28th of June.



I-120RS



THE NEW I-120RS IMPACT CRUSHER

- The ease of material flow through the machine has greatly improved with each component of the machine increasing in width as the material moves through the machine.
- Fully hydraulic apron setting assist provides convenient and efficient adjustment of the aprons.
- Quick on-board detachable recirculating system including large 3.66m x 1.53m (12' x 5') two deck screen.



TEREX | FINLAY





Vortex's pivoting chute diverter offers long life handling abrasives

Vortex established its Titan Series product line in 2011 to address several abrasion concerns expressed across bulk material handling industries. Such applications include handling materials that pose excessive abrasion or wear issues, situations that call for extremely large valves or diverters, conditions that require a valve to be successful in especially harsh environments, or other more specialised heavy-duty applications. Among those Titan Series products is a diverter that has recently garnered much attention across industries: the Pivoting Chute Diverter.

Per the demands of companies handling especially abrasive materials – such as alumina, bauxite, cement, clinker, coal, fly ash, gravel and rock, glass, industrial sand, lime, limestone, metals and ores, potash, sands, wood, and others – Vortex designed the Pivoting Chute Diverter to improve processing speeds and provide a valve with longevity when operating in particularly wearing environments.

Since its release, the Pivoting Chute Diverter has improved operations for cement, grain, mining, power generation, and many other industries worldwide. In recognition, the Pivoting Chute Diverter was awarded the 2016 Breakthrough Product of the Year from Processing Magazine.

Innovative features of the Pivoting Chute Diverter include:

- A body constructed from carbon steel.
- An independent, internal pivoting chute.
- Diverter's wetted parts (eg: material contact areas) are lined with choice of abrasion-resistant metal.
- Optional abrasion-resistant liners, installed internally on the diverter's inlet and outlet legs. The purpose of abrasion-resistant liners is to provide additional durability for the diverter's internal. As a standard, abrasion-resistant liners are constructed from abrasion resistant steel. In extreme applications, liners may instead be constructed from chromium carbide.
- Dust-tight to atmosphere.



- The Pivoting Chute Diverter may be shifted "on the fly" while materials continue to flow, allowing a non-interrupted material flow. This is an improvement upon traditional flapper-style diverters, which recommend material flow be shut off prior to shifting the blade.
- Inspection, maintenance or repairs may be quickly and easily performed while the diverter remains in-line, from an access panel on the front of the diverter.
- Removable chute, in case it must be inspected, repaired or replaced.
- Material flow may be directed partially toward two different destinations at once. However, because material flow will be shared through one chute toward two destinations, flow rates toward each leg will be diminished, in comparison to typical one-to-one flow rates.
- Available in either a two-way or three-way configuration.

For more information on how the Pivoting Chute Diverter can improve your system operations, visit <http://www.vortexglobal.com/pivoting-chute-diverter/>.



AggMax

Versatile
Smart
Beyond Tough

Find out more: cdeglobal.com

The AggMax modular scrubbing and wet classification system maximises product yield from clay-bound feedstock in the sand & aggregates, mining and C&D waste recycling sectors.



VISIT US AT STAND T1
26-28 JUNE



C&D waste recycling plant, Germany

Read All About It

At CDE we are passionate about delivering wet processing solutions for our customers. Our expertise and knowledge are showcased through our case studies. You can read these here at cdeglobal.com/case-studies



A NEW WORLD OF RESOURCE



The Advantages of RUD Tyre Protection Chains



RUD Chains have been manufacturing and supplying top quality Tyre Protection Chains all over the world for over 70 years for a variety of earthmover machines working in harsh conditions such as quarries, mines, slag recycling, steel mill operations and other heavy industries.

Earthmovers and heavy wheeled loaders working across the quarrying industry continuously face the threat of damage to tyres due to punctures and sidewall damage from haul road rock debris and accidental impact. The cost for tyre protection repairs and replacements is expensive, as well as the costs which occur from machine downtime and lost production. The fitting of robust Tyre Protection Chains is undoubtedly an essential asset.

RUD Tyre Protection Chains offer a wide range of wear links to provide either Traction and Protection or both. The chain is designed so that it is specific to the customer's operational needs. For example, the Ring-Locking system has specifically designed edges on the outer surface of the chain and a multiple link configuration to help increase traction on aggressive and low traction surfaces such as fire and hot slag.

The advantages of using RUD Tyre Protection Chains are abundant. Firstly they offer a comprehensive product range combined with unrivalled product support, fitting and service capabilities.



RUD's Tyre Protection Chains are well known in the industry for their quality, helping to reduce operating costs, decrease downtime and most importantly increase overall productivity.

RUD Tyre Protection Chains help reduce operating costs, decrease downtime & increase productivity.

RUD will be exhibiting their TPC at Hillhead 2018 stand W6.



COMPONENTS FOR DRY BULK MATERIAL HANDLING.

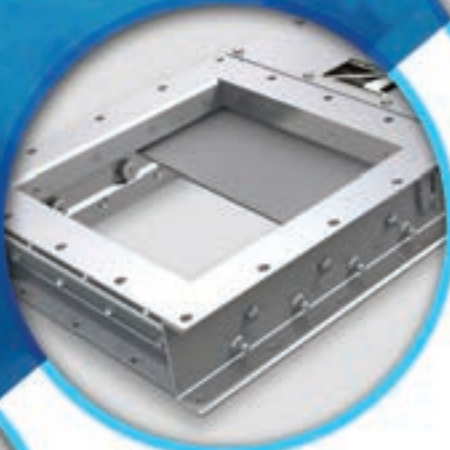
Vortex's technical philosophy is to develop innovative technologies that improve process efficiency, compensate for wear, ensure dust-free environments, require minimal spare parts, provide easy in-line maintenance, establish long-term reliability, and maintain a longer service life than market alternatives.

Optional features include:

- Replaceable Wear Resistant Liners
- Square & Round Compatibility
- Capable of High Temperatures
- Removeable Diverter Internals
- Construction Material Options
- Capable of High Pressure
- Material Flow Protection
- Easy Access Panels
- Reduce Dust Emissions
- Food Grade Options



DIVERTERS



GATES



LOADING SPOUTS



Worldwide, Vortex services 15,000+ companies in more than 70 countries to handle thousands of dry bulk material types in gravity flow, dense phase, and dilute phase pneumatic applications. In support, Vortex's international service network delivers global process solutions and technical support through localised client relationships.



Learn more about our Slide Gates, Diverters, Iris Valves & Loading Solutions at:

www.vortexglobal.com





Visit CMS Cepcor® on stand E25 at Hillhead 18

CMS Cepcor® will again exhibit a wide range of precision machined replacement crusher spare parts, premium manganese crusher liners and a range of crusher services at the Hillhead 2018 exhibition which will be held on the 26th -28th of June at Buxton, Derbyshire, UK.

In addition to their core products and services they will also be promoting the following:

UK Manufacturing:

Their approved and certified UK Manufacturing Facilities include CNC, milling, turning, boring, slotting, grinding, drilling, welding, FARO co-ordinate measuring and Spectro material testing.

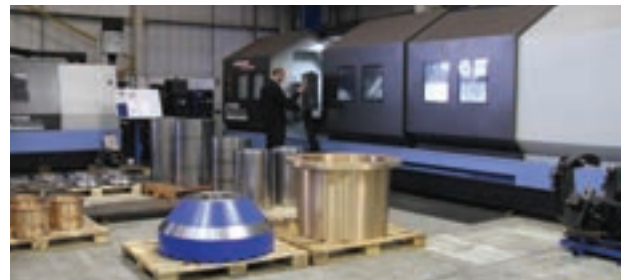
OEM Crushing Equipment:

The current range of Goodwin Barsby™ Series 5 jaw crushers, granulators and vibrating grizzly feeders are UK manufactured and have evolved by improving on the tried and tested design without compromising build quality for cost savings.

Korrobond 65 Crusher Backing:

CMS Cepcor® are authorised UK and export distributors for Korrobond crusher backing and release agent products. Their extensive stock holding in the UK allows them to despatch even the largest order promptly worldwide.

Visit CMS Cepcor® at stand E25





Kleemann will be presenting its new jaw crusher and new screening plant at Hillhead 2018



At this year's Hillhead trade fair from 26th to 28th June in Buxton/UK, Kleemann will be introducing the new mobile jaw crusher **MOBICAT MC 120 Z PRO** and the new mobile screening plant **MOBISCREEN MS 953 EVO**.



Robust jaw crusher **MOBICAT MC 120 Z PRO** for heavy-duty quarry applications

With the mobile jaw crusher MOBICAT MC 120 Z PRO Kleemann showcases its latest development for use in quarries. The robust and high-performance plant achieves an hourly output of up to 650 tonnes thanks to the powerful jaw crusher. The Continuous Feed System (CFS) guarantees the best possible crusher feed. It regulates the material feed depending on the material flow. At the same time it is very economical with its diesel-electric drive and can also be operated with an optional external power supply. The power generator can also provide power for downstream plants, such

as a screening plant or stockpile conveyor. To achieve effective prescreening of fines, the MC 120 Z PRO is equipped with an independent double-deck prescreen with 3.5 m² extra large screening area. The optional crusher unblocking system can loosen seized material without any problems so that the crusher is ready for operation at all times. Furthermore, the crushing capacity can be optimised by adjusting the crusher speed. The machine version with discharge chute protects the crusher discharge conveyor against sharp-edged stone.





Wide variety of applications: mobile screening plant MOBISCREEN MS 953 EVO

The plants in the EVO series are characterised by compact dimensions, good transportability and flexibility. This includes the new mobile classifying screens of the MOBISCREEN EVO series. The exhibited triple-deck screening plant MS 953 EVO is suitable for natural stone and recycling application in changing locations. The plant is very efficient and can process up to 500 tonnes of material an hour on a screening area of approx. 9.5 m² in the upper deck. As with all EVO plants from Kleemann, all components are easily accessible for convenient maintenance. The screen surface change in the lower deck, for example, is comparatively simple due to the lowerable fine grain discharge conveyor.

Operation of the screening plant is via a mobile control panel that can be attached at three different points on the plant. This guarantees the best viewing positions of the executed plant functions. All plant functions are started automatically – without each side discharge conveyor having to be activated individually. Data on machine operation can also be read off at the control panel. The plants are particularly efficient when interlinked with Kleemann crushing plants in the PRO and EVO series. The optional line coupling can guarantee the emergency-stop function and thus safety in all crushing and screening stages.

The new mobile jaw crusher MOBICAT MC 120 Z PRO is robust and powerful.



The mobile screening plants MOBISCREEN EVO have a high performance in both natural stone as well as recycling applications.



Kleemann GmbH is a company of the Wirtgen Group, an expanding group of international companies in the construction machinery industry. This Group includes the five well-known brands, Wirtgen, Vögele, Hamm, Kleemann and Benninghoven, with their headquarters in Germany and local production sites in Brazil, India and China. Customer service is provided worldwide through its 55 independent sales and service outlets.



ROCK FACE TO LOAD OUT[®]



Michael Dunne
EMEA Business Development Manager



Superior Industries
Stand # CE16

Our growth into a single-source supplier is a result of feedback from our long-term customers. Within the Rock Face to Load Out segment of the aggregates industry, our partners in distribution and material production needed better – better products and better service. Since 1972, Superior has built our brand on better and now we're taking that same philosophy to crushing, screening and washing. We're ready to help you succeed.

CRUSHING EQUIPMENT | SCREENING EQUIPMENT | WASHING EQUIPMENT | CONVEYING EQUIPMENT



CONVEYOR COMPONENTS | PORTABLE PLANTS | CONSTRUCTION MANAGEMENT | AFTERMARKET SERVICES



Terex Trucks to showcase latest innovations and company heritage at Hillhead



Terex Trucks will exhibit the old and the new at Hillhead 2018 with its Gen10 TA300 and its R17 hauler - which dates back more than 40 years.

Terex Trucks is set to return to Hillhead once again – this time, to showcase the latest TA300 alongside the vintage R17 hauler. “We are excited to be at Hillhead this year, it’ll be a good opportunity to show customers what the Terex Trucks brand is all about,” says Paul Douglas, Managing Director of Terex Trucks. “Having the R17 on our stand gives visitors a rare opportunity to take a glimpse into the history of hauling. Terex Trucks’ heritage can be traced back to 1934 when the world’s first off-road dump truck was created. It’s not often that you get to see a 40-year-old truck that’s still in working condition; we hope this highlights the level of quality we build into our machines. Of course, our current machine, the TA300 articulated hauler, will take pride of place too and shows that we remain committed to creating quality trucks that are built to last.”

A strong partnership

Occupying stand N14, Terex Trucks will be joined by its official UK dealer, TDL Equipment, which will be located on stand A7.

“Since the very beginning, TDL’s ethos has been to provide local support on a national basis – and that’s something we still strive towards today,” says John Black, Sales Director at TDL Equipment. “This, together with our partnership with Terex Trucks, means that we are able to offer haulers to our customers that help them to provide an enhanced level of service to their own customers.”

With 476 exhibitors and 18,601 visitors from 71 countries, the 2016 Hillhead show was quite literally record-breaking – and



The 40 year old R17 hauler represents both the history and evolution of Terex Trucks

the 2018 show is set to be even bigger. It will take place from June 26th - 28th at Tarmac’s Hillhead Quarry near Buxton, Derbyshire.

The old and the new

Based in Scotland, Terex Trucks has been building robust haulers at its Motherwell site since 1950. Taking pride of place on the Terex Trucks stand will be the new TA300 articulated hauler and the R17, which dates back to the early 1970s. Achieving a payload of 28 tonnes (30.9 tons) and powered by a five-cylinder Scania DC9 EU Stage IV compliant engine, the TA300 hauler is designed to withstand the toughest conditions at quarries, infrastructure developments and commercial projects. With a maximum torque of 1,880 Nm, the machine has great traction and an effective power-to-weight ratio to ensure material is moved quickly and cost-effectively across all kinds of terrain and in any type of weather. Additionally, the machine features an ergonomically designed cab, complete with plenty of space and a commanding view for maximum operator comfort.

More than 40 years old, the R17 13.5 tonnes (14.9 tons) hauler represents the history of Terex Trucks. Originally, the engine was manufactured in Cumbernauld and the machine itself was built in Motherwell. A team of apprentices have been working hard at the Motherwell factory to restore the machine back to its original glory. With the work now complete on the truck, visitors at Hillhead will be able to appreciate the historic craftsmanship of the R17 for themselves, from the simple yet effective operating system to original features such as the driver’s seat and engine.



The TA300 articulated hauler is designed to withstand the toughest conditions on quarries, infrastructure developments and commercial projects.



IT'S PRETTY SIMPLE.



**You need reliable production.
No more. No less.**

You need trucks that make your life simple – that get the job done, perform in tough conditions, and are easily maintained at a low cost of ownership. That's what our 80-year legacy in building off-road trucks has taught us. And it's a future we'll continue to pioneer.

Contact your local dealer to learn more about our great offers.

 **TEREX® | TRUCKS**
A DIVISION OF VOLVO CONSTRUCTION EQUIPMENT



CDE prepares to wow Hillhead visitors with new exciting innovations



CDE will once again participate in the iconic Hillhead show from 26 to 28 June in Buxton, where the leading global wet processing company will launch its new scrubbing and attrition system, packed with new features to up the efficiency stakes, as well as its revolutionary connected plant system.

Scrubbing and attrition - the next level

Visitors to the CDE stand will discover the new model Aggmax 163-SR scrubbing and attrition system, designed to incorporate a new Rotomax logwasher, and specifically developed to supply the demand for a plant that bridges the gap between the popular Aggmax 80 and 250 models.

Stewart Cusack, Senior Product Development Engineer, says: "The new Rotomax 163-SR is constructed and designed to the same high-duty standard as the RX250, with geometry refined for efficient scrubbing action at mid-range tonnages and VSD as standard to optimise the retention time for the process material.

"With a new Infinity D1-63 pre-screen incorporated into the design, high frequency screening action ensures maximum sand removal prior to the attrition process, whilst the new Infinity D1-43 screen dewater organic and lightweight wastes liberated from the attrition process.

"Finally, an all-new Infinity H2-60 sizing screen efficiently separates material into three washed aggregates and allows the removal of sand liberated by the Rotomax's attrition process. The aggressive throw on the horizontal washing screen ensures efficient screening by increasing retention time and allows generous access between the decks for maintenance access."

As with all CDE products, efficiency, ease of use and health and safety are at the heart of all new designs. The AggMax 163-SR, which features a modular design to allow upgrades

to customers' plants, includes new modular GRP walkways throughout the machine, providing safe working access to all maintenance areas of the plant. Access to the pump for easy maintenance has also been improved whilst a new tensioning mechanism has been incorporated for quick and efficient set up of the pump.

Connecting live to your plant, anytime, anywhere

CDE will also showcase its new connected plant at the show. Tom Houston, Head of CustomCare at CDE, describes this exciting innovation: "The CustomCare team is looking forward to displaying the new CDE connected plant technology at Hillhead. This will bring pre-emptive maintenance and support, operational efficiencies and simplicity to our customers, giving them unrivalled control of what is going on with their plant or plants through a one-touch console management hub.

"This is in keeping with CDE's commitment for maximum efficiency and ease of use."

The CDE team will be on hand at Hillhead at stand T1 to present its recent innovations to visitors and discuss their requirements to find efficient wet processing solutions to suit their individual needs. Visitors can also book a meeting with the CDE team at the show by visiting cdeglobal.com/events/hillhead-2018.





SN Engineering's passion for engineering excellence, combined with its determination of continual product improvement represent the best partner for our clients

Servicing global OEM & User markets in the Mineral processing industries for over 20 years.

SN Engineering specialise in the design, manufacture & supply of dry bulk materials handling equipment covering such areas as Bulk Storage Silos & Stores; Dust Filtration; Mechanical & Pneumatic Conveying; Dust Free Loading Systems; Mixing & Blending and much more.

SN Engineering is a leading supplier of powder storage silos & facilities, predominantly within the minerals industry, throughout the globe with multiple successful installations. Typically, but not exclusively, for storage, import & export Cement; Lime; GGBS; PFA etc. Individual silos range from factory welded 50m³ units up to jig built, fully transportable, 3000m³ x 12.5mØ units with many installations utilising nests to ensure overall storage requirements are met.



With decades of experience in storage facility design, accompanied by a high-quality range of in house manufactured auxiliary equipment like screw & pneumatic conveyors; dust filters & systems; loading bellows and powder isolation & flow control valves enables a complete turnkey storage solution.



SN Engineering is one of only a few companies specializing in manufacturing, in accordance to Eurocode & CE standards, and install some of the most cost-efficient import / export & storage terminals for ship unload and tanker loading for onward shipping to the end users.

Our system with bolted silos allows for a flexible design enabling large capacity powder storage facilities, typically 8 > 15,000Te achieving a low processing cost due to a simple process design philosophy. All our products are designed to be easily containerized and therefore available for shipping worldwide. If powder importation &/or storage is required, one company you can trust in to provide the total turnkey project is SN Engineering.

SN Engineering also enjoy major success in our screw conveyor division, primarily due to the bespoke design against client's requirements. This ensures that the finished product is not only fit for purpose but gives clients enhanced longevity



in the field & optimised for continuity of spares where multiple units required for a common project. Screws can be designed for horizontal right thru' to 90° (vertical) with many verticals being in excess of 18m tall. Units can be designed from various options, Tubular; U & V troughs; multiple live bottom etc. & can range from 1 > 500tph capacities. Actual conveying can be from traditional piped flight or for those arduous applications shaft less flights can be supplied – ideal for fibrous / recycling industries. With the added benefit of these shaft-less flights running within lined casings allow for much greater conveying lengths being achieved, without the need for intermediate hanger bearings.

SN Engineering's in-house designed & built range of loading bellows & dust filters, which enjoy the benefit of preferred supplier status with many leading multinational organisations, has ensured major growth over the past decade. With our continual R&D in these two fast growing sectors has benefitted from many enhancements over this timeline, all aimed at improving customer operational & maintenance experience.



Our range of Outloader® loading bellows, for road & rail tanker loading &/or stockpiling has seen the marked growth in our Series 7000 / 7001 go from strength to strength. Added to this, our Series 8000 is fast becoming the preferred unit for new installations where these can be designed in.

The Series 8000 Outloader® benefit from a high efficiency integral dust filter c/w extraction fan & compressed air receiver (for auto clean down) thus the requirement for





ducting back to existing, or new, standalone filter is eliminated. As this offers a totally closed loop system, that not only is compact & aesthetically pleasing, ensures the filter dust is re-introduced into the loading system thus eliminating the need for clients to handle &/or dispose of collected dust.

SN Engineering's filtration division has also enjoyed a remarkable growth year on year and similar to our Outloader® series has fast become the preferred & specified filter range across a multitude of industries within the mineral processing & similar industrial sectors. With many innovative features, the latest being the new quick & tool less cell clamping system,

ensures clients enjoy the best possible experience & ensure their plants are at their optimal efficiency & importantly meet with current compliance requirements.

The range covers a multitude of designs, from insertable to mini wardrobe to high volume wardrobe type units.

The typical range covers from 2000 > 20000m³/Hr and utilise latest high efficiency filtration media, sourced from leading European manufacturers allowing for improved operational Dp & thus reduced air consumption & operation pressures for clean down affording clients' savings in both operational costs, initial CapEx costs & reduced thru' life costs with improved longevity of items prone to wear & tear.

Even nuisance noise has been addressed with all integral fan units totally enclosed in quick release acoustic cabinets and have proved to reduce ambient noise by as much as 24dBA in some instances & combined with silencers being fitted to larger unit impulse valves has further reduced noise levels during clean down.

- Our filtration division is further enhanced with the Maxair 24®, a low cost
- 24m² silo vent unit always readily available for same / next day delivery.

This ever-popular favourite with OEM's & end users alike, ensures that clients are not only compliant with latest regulations but offer a safe low working height unit for easy maintenance – 4 high efficiency filter elements (reduced spares costing) – all St housing for whatever the location & all electronics housed within a hinged lid ensuring longevity against the elements.

To further enhance clients experience, SN Engineering offer a host of auxiliary equipment, such as Process mixers (up 10000Lt); Pneumatic conveying systems; Flow control; Rotary & isolation valves; Airslides & associated divert valves; Level control; in-house engineering utilising 2D & 3D modelling etc..., so whether you require a £100 spare or assistance in £1m+ project evaluation & design were here to help.



MAXIMISE YOUR EFFICIENCY AND PROFITS...

A comprehensive package of complete processing solutions for the Quarrying, Recycling, Bulk Handling Industries and Transport Infrastructure.



Hanson - Masters Quarry

DUO involvement in major projects

- M25 final section, Radlett
- Channel Tunnel rail ballast and tunnel segment material
- Southampton Berth 109 rail ballast
- Heathrow Terminal 5 limestone washing material
- Viability of scalping washing - 10 million tonnes
- Foster Yeoman, Torr Works
- A1/M1 upgrade
- M40 Banbury
- M6 Toll road
- Amec Norway oil pipe line
- Rail ballast - Shap
- Dublin Tunnel
- AWPR Aberdeen by-pass
- IBA Processing Plants
- BDU Material Handling



Agg Industries - Sheffield



CEMEX - Dagenham



Aberdeen Bypass



Gresham Gravels - Sheringham



T: +44 (0) 845 22 22 386

E: info@duopl.com

www.duopl.com

TEREX
WASHING SYSTEMS

POWERSCREEN
A TEREX BRAND

TEREX
Minerals Processing Systems

Martin Engineering at Hillhead 2018



Martin Engineering is a global industry leader in the development and manufacturing of dust remediation, flow aids and conveyor products for a wide variety of bulk material applications, including cement, rock/aggregate, coal, biomass and other materials. Founded in 1944, the firm offers manufacturing, sales and service from factory-owned business units in the U.S., Australia, Brazil, China, France, Germany, Indonesia, Mexico, Peru, Russia, South Africa, Turkey, India and the UK.

Featured at Hillhead booth #RA17 will be a wide range of products, including conveyor belt cleaning technologies such as the revolutionary CleanScape® design, along with innovative primary and secondary cleaners and tensioners. The unique CleanScape conveyor belt cleaning system has received the Australian Bulk Handling Award in the "Innovative Technology" category for its design and potential benefits, including outstanding cleaning performance, low belt wear, extended service life, reduced maintenance and improved safety, ultimately delivering lower cost of ownership.

Transfer point sealing technologies will be on display, with a spotlight on impact cradles, EVO® External Wear Liner and ApronSeal™ Double Skirting, along with a variety of other products designed to make bulk handling operations cleaner, safer and more productive.

The company will also provide booth visitors with details on its industry-changing Mr. Blade® Program, a factory-direct replacement program for belt cleaners, delivering fresh polyurethane blades, specified and custom-fitted on-site and installed free of charge. The new program from Martin Engineering assures customers of accurately-sized and professionally installed replacement blades that are matched to their specific application, providing optimum cleaning performance and service life. Because the service component of the new program includes not only installation but also maintenance and adjustment, plant resources are freed up for core business activities. Consistent attention to the cleaners helps deliver maximum performance and wear life, minimizing component failures and unscheduled shutdowns.

Of special interest will be a personal appearance by Trey Poulson from the popular God Rush TV series, cable TV's #1 unscripted series for three years running. Currently in its eighth season, Gold Rush follows the exploits of three competing mining teams as they seek to extract the most placer gold from their operations. Martin Engineering has provided substantial support to the Hoffman crew, also known as 316 Mining, in the form of conveyor belt cleaning technology, belt trackers and safety guards, as well as the company's patented Roll Gen™ system,



Belt sealing technologies will be among the products on display at booth RA17.



The CleanScape design provides as much as 4x the lifespan of conventional belt cleaners.



The Mr. Blade program assures fresh belt cleaner blades, custom-fitted and installed free of charge.

an innovative technology that uses the kinetic energy from a moving conveyor belt to generate enough power to run a wide variety of electrical or electronic systems. Poulson will be on hand to discuss his experiences with the show and his association with the Martin Engineering team.



Exhibiting at
Hillhead
Stand W6

RUD Chains Ltd

Conveyor & Drive Systems for Bulk Materials Handling



- BULKOS Conveyor systems: scraper, screw, drag chain conveyors & apron feeders
- Standard & tailored conveyors, bucket elevators & spare parts available
- Horizontal & vertical bulk handling capabilities
- BULKOS drive systems for lifting, moving, telescoping & sliding
- CRATOS conveyor systems: fuel handling: coal feeders & de-ashing systems

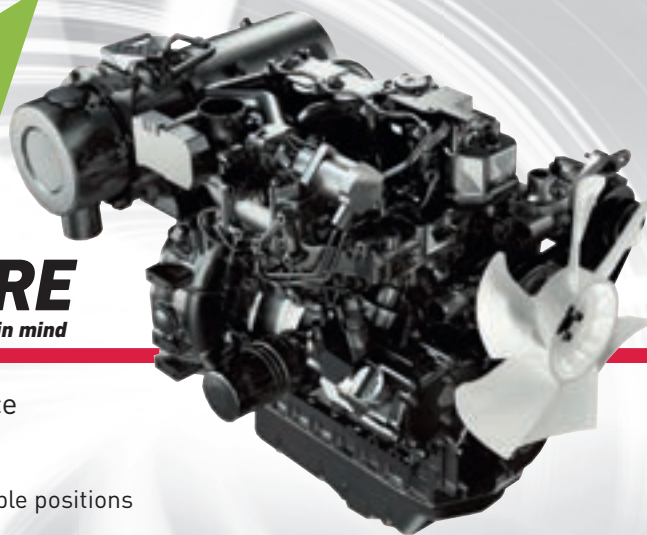
www.rud.co.uk 01227 276611

RUD Chains Ltd, Units 10-14, John Wilson Business Park, Thanet Way, Whitstable, Kent, CT5 3QT



STAGE 5
READY

YANMAR



THIS IS THE FUTURE

Yanmar stage 5 ready engines are designed with the future in mind

With Yanmar you make the safe choice

- ☒ Long life cycle DPFs
- ☒ DPFs mounted in multiple positions
- ☒ Available as base engine or power pack
- ☒ Specialist team to assist with safe transition



Tel: 01869 363606 industrial@barrus.co.uk



CELEBRATING OUR FIRST 100 YEARS.
GEARING UP FOR THE NEXT.

www.barrus.co.uk

A one size service does not fit all operational needs



Mentor understand how an efficient and simple route to receiving training through a single provider can minimise stress and reduce time delays in the workplace. For those organisations with a high volume of staff, the reliance is on learning and development and compliance teams to ensure quality training to support the drive for productivity and safety. Unfortunately, some organisations do not have the internal infrastructure to support this need.

Whilst a complete training service may seem like the answer to many questions, there are some key considerations to think about before any organisation jumps into an agreement with a Managed Service Provider (MSP).

Understand your business

Only choose a provider that wants to know your business requirements and better still has a commitment to supplying you with goods and services directly. This



will ensure the provider has an initial understanding of your business operation and has a reliance on your custom for their core business offering. In Mentor's experience there are many Managed Service Providers that will bid to offer a managed service solution without any knowledge of what the business needs are or how to organise training for it.

not met your training needs, and a service that has been delivered efficiently putting your needs first.

Before signing an agreement with your training provider find out how the company works and if their training style and methods will fit in with your business and employees; this will help you distinguish if the provider is right for you.

Evolving our service

We know that a 'one size fits all' approach is not relevant when it comes to workplace training and knowledge and experience is key to the effectiveness of a Managed Service Provider, but what are the real benefits to outsourcing your training to one provider?

- A reduction in your annual training costs
- One training team to contact with a dedicated contact for your business
- Assured quality training
- Experience within all industry sectors
- Set quality control measures

A good training service should be able to surplus these factors and provide you with a service that is tailored specifically to your business.

A managed training service could be the answer to all your training requirements if delivered correctly. Take advantage of our expertise, speak to us about training, vocational qualifications, apprenticeships and how we are working with MP Futures to attract new talent into the industry.

Come and visit our team at Hillhead exhibition at stand PA18/ PB17 from 26-28th June or call us to discuss how we could help deliver all your training needs on 01246 386900.

Reducing costs without sacrificing quality

Understand how your Managed Service Provider plans to drive down the overall cost of training. Mentor has seen many MSPs challenge costs in a way that ultimately squeezes the subcontractor provider to a point where they have no choice but to sacrifice their service levels.

Be sure that your chosen MSP has the best interests for your business at the heart of what they do. Reducing costs is vital but if done carelessly you will sacrifice much more than the visible costs and this will have long-term effects on the training for your business. Make sure you can see realistic cost savings, whilst ensuring quality is improved and training is delivered efficiently and within your agreed timescale.

Seek references

When looking for a Managed Service Provider, seeking good quality references could be the difference between receiving a service that has



Premium crusher parts

by the leading crusher service provider



The Genuine Alternative



www.cmscepcor.com





Rapid exhibiting at Hillhead 2018



Rapid International Ltd is delighted to be yet again exhibiting at the biennial Hillhead exhibition, which takes place on 26-28 June at Hillhead Quarry, Buxton, UK. Rapid will be located at stand C19.

This unique show, which takes place in a quarry, features live demonstration areas which offers visitors the opportunity to view machinery in a realistic environment. Hillhead attracts more than 18,500 visitors biennially from across the quarrying, construction and recycling sectors.

Rapid's latest innovation, the Trakmix track-mounted mobile continuous concrete mixing plant, will be on display at the company stand. Trakmix was created in response to the demand for a mobile continuous mixing plant which provides easy, cost effective transportation. Customer demand also indicated a need for a machine providing smaller outputs on a different platform, offering flexibility for a wide range of site types and applications.

The Trakmix tracked continuous concrete mixing plant is the first of its kind to market. The patent pending machine has many patent pending features include a superior controls system that weighs all materials and double hopper cement weighing system. Other cutting-edge features include low friction surface lining on hoppers, bottom conveyor for easy cleanout and out-loading conveyor for easy discharge. The Trakmix has been designed with total ease of mobility and set-up in mind. The machine possesses an entirely self-

contained design mounted on tracks including on board genset and provides ultimate mobile flexibility via remote control. Trakmix offers outputs of up to 250 tonnes per hour via a high volume continuous Rapid Twin Shaft mixer. Its unique arm design creates an area of high turbulence ensuring a homogenous mix in a reduced space of time. Trakmix is recommended for applications where all types of binders or neutralising powders are required in the mixing process, including road construction, road paving, ground works/civil engineering, environmental stabilisation projects, aggregate recycling and many more.

Established in 1969 in Tandragee, County Armagh, Rapid continues to set new standards of quality, innovation and service in both its local market and overseas via an ever expanding international dealer network. Rapid is proud to provide not only some of the world's leading construction companies but also smaller concrete producers with innovative equipment solutions. Its high quality range of concrete mixers, mobile/ stationary concrete batching plant and mobile continuous concrete mixing plant offers outstandingly reliable solutions for the concrete, construction and environmental industries.

Visit stand C19, where Rapid's company representatives will be readily available to provide advice on how to tailor the very best concrete mixing technology to your unique application.



RGV Valve

advanced roller gate valve technology

- Self cleaning slide gate blade
- Fast and smooth blade action
- Able to support high product loads
- Bespoke square or rectangular valve outlets
- Available in a variety of materials and finishes
- All valve seals and guides can be replaced in-situ
- Sealed steel rollers as standard for extended service life
- Heavy duty construction ensures years of reliable operation



mucon.com
sales@mucon.com | +44 (0)1625 412000

Visit us 26 - 28 June - Stand RA24

Aerial view of a quarry or industrial site with large piles of material and processing equipment. The site is surrounded by greenery and a body of water in the background.

ATLANTIC PUMPS

HANDLING ABRASIVE APPLICATIONS

Atlantic Pumps are specialists in pumps for the abrasive applications found in the quarrying, ready-mix and recycling industries. We focus on reducing downtime by responding rapidly to customer requirements and increasing the wear life of your equipment. We have a passion to make our customers' lives easier by understanding their needs and delivering solutions. Whether it's enquiries or deliveries, questions or queries, our founding principle is to respond to customers' needs as quickly as practically possible. And we save you money!

AUDEX **SLURRYPRO** **GROMATEX**

atlanticpumps.co.uk +44 (0)800 118 2500

JCB brings the X factor to Hillhead



STAND D4

At Hillhead 2018, JCB will showcase its brand new X Series 20-tonne tracked excavator model, designed to provide maximum operator comfort, durability and reliability in operation.

Over a four-year development period, JCB has undertaken a programme of intensive component and product testing, to achieve increased levels of build quality and reliability for customers in this advanced new JCB 220X crawler excavator.

The new machines feature a 15% larger cab with integral ROPS structure, reduced noise levels, simple user interface and stronger side doors for greater strength and increased protection. They also benefit from a central main boom mounting for increased digging accuracy and durability, and a 200mm wider upper structure which delivers improved packaging.

Several variants of the machine will be shown across the JCB stand and demonstration area, including models with demolition specification, full Topcon functionality and Steelwrist fitted.

The new X Series excavators will feature alongside a vast selection of further machines from the extensive JCB range. These will include: the revolutionary JCB 7T-1 Front Tip Hi-Viz site dumper, pioneering Hydradig 110W, JCB Pilingmaster backhoe loader and series of additional models from its tracked excavator, wheeled excavator, wheeled loading shovel, site dumper, backhoe loader, generator, Loadall telescopic handler and compact equipment line-ups – all tailored to the demanding needs of the quarrying, demolition and recycling sectors.





C&D Recycling Game Changer to premiere at Hillhead 2018



Terex Washing Systems (TWS) are eagerly awaiting Hillhead 2018 to unveil their latest modular concept that is set to be an innovative game-changer in the C&D Recycling market. Pit and quarry operators can look forward to more intelligent ways to wash sand, gravel, aggregates, and C&D waste thanks to this new high performance solution that brings together rinsing, screening, scrubbing and sand washing capabilities on a single plant.

Scaling Up Production

This latest offering has been months in design and development, engineered specifically with large-scale production processing in mind. It has primarily been designed for the efficient processing of C&D waste but equally suited to virgin material applications. The plant will have the capability of producing up to six grades of salable product, and has been designed with an uncompromising approach towards robustness and reliability.

Let Us Clarify - Just Add Water

And that's not all! In addition, Hillhead 2018 will also provide the stage for the Global Premiere of TWS new water management offering, Terex AquaClear™. The range includes clarifying tanks, flocculent dosing systems, filter presses and all associated equipment enabling TWS to offer an end-to-end solution for washing and water management.

TWS has a dedicated technical team to support Terex AquaClear™, consisting of a product manager, engineers and

applications specialists, together with a new, cutting-edge laboratory specifically designed for material testing and sample pressing. This ensures optimum equipment selection and specification for our customers.

Disrupting Status Quo

TWS Director, Oliver Donnelly, commented "These new innovative wash solutions will help to revolutionize the washing market on a global level—a testament to our commitment to providing enhanced and unique washing solutions to meet customers' and market needs. We look forward to meeting with existing customers, prospective new customers, as well as many of our distributors from around the world." He went on to say, "There is an evident economic strengthening taking place with a renewed confidence in the industry. To that end we look forward to providing more aggregate and sand washing solutions for more customers around the world".





Watertight Finance Offer at Hillhead 2018

TWS are also delighted to announce that an exclusive UK finance offer will be available at the show. The offer, solely for their valued customers, is available through Terex Financial Services (TFS). Oliver Donnelly, Director of TWS, commented "This presents a fantastic opportunity for our customers to avail of an attractive finance package, designed to make TWS machines more affordable for our customers. The offer will help our customers access the finance they need, so they can purchase the equipment that enables them to operate more efficiently and cost effectively." Find out more by speaking to one of the TWS Sales Team Members or TFS Specialists on stand H6.

TWS are a leading established supplier of advanced wet processing solutions for mineral washing needs in aggregates, recycling, industrial sands & mining. They offer an extensive product portfolio to match the needs of rinsing, scrubbing and sand production systems available in static, modular and mobile platforms. The TWS team are extremely excited to be returning to Hillhead, Buxton, UK, in 2018 to showcase yet more innovative solutions that will meet customers' aggregate and sand washing needs and demands.

For more information on these systems and our full product portfolio, log onto www.terex.com/washing



STAND H6





Superior to display new products at Hillhead 2018



STAND CE16

Superior Industries, Inc., a U.S. based manufacturer and global supplier of bulk material processing and handling systems, will display several new products including its new modular wash plant.

Guardian Horizontal Screen



Known as the Spirit™ Sand Plant, the flexible plant merges the manufacturer's Helix™ Cyclone, Dewatering Screen, sump tank and slurry pump into a single plant capable of sand production, fines recovery and dewatering.

According to Superior, it's brand new Helix Cyclone is uniquely designed with a geometrically efficient inlet, which proves to boost performance and lower wear to internal components. In addition, all wetted surfaces are lined with cast polyurethane for extended performance and life. For fines recovery applications, the Helix Cyclone is designed and built by Superior in 305-406mm models (12" or 16"). Meanwhile, sand production models are sized 406-762mm (16" to 30").

The manufacture's dewatering screen can remove all but 8% moisture content, meaning the sand produced is immediately sellable. It achieves this due to a deeper bed design and urethane sidewalls, which remove moisture from the material screens at the tops and sides. These high tonnage dewatering screens process material up to 360 MTPH (400 STPH).

For sand production applications, Spirit Sand Plants are manufactured in five models with production up to 300 MTPH (330 STPH) from the screen. Seven ultra-fines recovery models can be fed at rates from 20-161 MTPH (22 to 177 STPH). Each plant is designed to fit into standard shipping containers.

New screening technology to make European debut.

Superior will also display its new horizontal vibratory screen for the first time in Europe at Hillhead 2018. The manufacturer will be displaying at. Named the Guardian® Horizontal Screen, the triple-shaft, adjustable oval stroke design was engineered and built using valuable customer feedback.

According to Superior, several key features help distinguish the horizontal screen as a unique new processing solution for the aggregates industry:

- Patent pending bottle jack lifting points simplify and speed spring replacement and improve safety. No crane required.
- Segmented belt guard and tailgate sections greatly lighten the loads of these two features, requiring only one person to remove and replace for maintenance.
- Exclusive to Superior, and new to the industry, are bolt-locking, hinged access doors. The convenient feature allows access for screen media maintenance and hinges prevent operators from misplacing the spillage-preventing doors.
- A 100% fully-enclosed belt guard ensures maximum safety while an integrated, onboard tensioner accelerates maintenance to the motor belt.





Superior designs and manufactures its Guardian Horizontal Screen in two, three and four deck configurations for 5x16, 6x16, 6x20, 7x20 and 8x20 models. Each unit is equipped with spray bar knockout holes for quick conversion to wet processing applications.

New equipment to wash fines within crusher circuit.

The company will also exhibit its new Alliance™ Low Water Washer which is a first of its kind for aggregate producers. The unique low water washer can accept a dry feed directly within a crushing circuit; these fines are then pressure washed and dewatered for production of sellable manufactured sands.

"Historically, all of the machinery used to wash crusher fines has been traditional sand screws," said John Bennington, director of wet processing technology at Superior. "That typically means material producers are handling and hauling the material to a separate wash site, which adds cost quickly."

During operation, an agitator section accepts the feed where it is mixed with water to produce a thick slurry. This slurry is then dumped onto a dewatering screen with a series of spray bars to help clean and wash out the fines. The result is a saleable manufactured sand with just 8% moisture content.

"The Alliance Low Water Washer is designed specifically for washing crusher fines and uses 80% less water than the traditional screw/screen combination," Bennington says.

Superior manufactures models of its new Alliance Low Water Washer for rates up to 272 MTPH (300 STPH). Custom designed machines can produce higher rates if required.



Alliance Low Water Washer

Spirit Sand Plant



LEADING COMPETENCE IN COMPACT CRUSHING AND SCREENING

EXPERIENCE THE BEST COMBINATION
IN THE INDUSTRY



MAXIMUS
BOOTH C22

VISIT US
26 - 28 JUNE 2018

RUBBLE MASTER
BOOTH D12



Weir Minerals Europe experts to share industry insights

Weir Minerals Europe will once again be attending this year's Hillhead exhibition for all three days at Stand A10, where visitors can catch a number of seminars from expert speakers.

There will also be a celebration of the 80th anniversary of Weir Minerals' Warman® pump range, which has been in operation since 1938.

The seminars will form a major part of the exhibition, with interest already expected to be high. The speakers have almost 100 years' industry experience between them and will offer advice and expertise on a range of subjects, including pumps, sand washing, recycling and linings.

Harvinder Bhabra, Weir Minerals Europe's Senior Slurry Pumps Manager, will offer insights into how leading-edge pump design and improved material technology of the 2nd generation Warman® WGR® improve ease of maintenance and deliver the lowest total cost of ownership. Harvi, as he is known to many, will also offer advice on increasing plant productivity while minimising unscheduled down time.

Philip Denton, Product Manager for Rubber Sheet and Linings, will draw on his 30 years' experience across sectors such as oil and gas, power, water treatment and chemical plants to

advise on achieving best in-field performance and the lowest cost of ownership through using premium Linatex® rubber liners and products.

Sand and Aggregates Sales Manager Sascha Weidlich has worked throughout the Middle East, India and Europe, ensuring concrete pumps, crushers, screen media and lubrication equipment all function at their optimum level. He will share insights into how the Trio® range can be used in a recycling application.

Sales Engineer and crushing and screening specialist Russell Lafford has more than 20 years' experience in the minerals and aggregates sectors of Europe and Africa. His extensive knowledge has led to him becoming something of a 'go-to' expert for clients who require innovative solutions. Russell will discuss sand washing and lignite removal as well as wet processing in sand and gravel.

There are six seminars each day, from Tuesday June 26 to Thursday June 28, starting at 9.30am with the final talk starting at 4pm.

To book a place or for more information on times, please email wargb.marketingservices@mail.weir.



STAND A10



WEAR PARTS AND SERVICES WORKING FOR YOU

Hardox Wearparts® is a worldwide network of service centers providing wear parts and wear solutions for optimized productivity and service life. Hardox Wearparts® is a part of SSAB, the manufacturer of Hardox® wear plate.

www.hardoxwearparts.com

Meet us at
Hillhead Expo

Stand #F8

June 26-28, 2018

Hillhead Quarry,
Buxton, Derbyshire, UK



Ace Plant on AdBlue Storage & Handling



In conjunction with The Institute of Quarrying...

Recommended good practice for the storage of AdBlue is as follows:

- Ensure containers, pipework and dispensing equipment is suitable for use with urea.
- A secondary containment for the container and ancillary equipment is in place (i.e. bund or sump).
- The dispensing area drainage is isolated from surface water drains.
- A trigger nozzle with an auto shutoff should be used to dispense AdBlue. Ensuring the nozzle cannot be left in the open position.
- Appropriate emergency equipment should be in place to deal with any level of spills, for example proprietary spill kits, drain mats, pipe blockers, or permanent valves on drainage systems to provide containment.
- An emergency plan and suitable training for dealing with spillages or other accidents is in place.

Ideally AdBlue should be stored between 0 and 30°C, and protected from direct sunlight. It should be properly sealed when it is not being used and free from contamination.

Below are some of the AdBlue storage options available from Ace Plant. These options provide safe storage, transportation & handling to ensure good practice from both a health and safety and environmental viewpoint.

IBC Storage Solution

The Ace Plant Bundie Store (IBC Storage System) is an innovative method of storing 1000L IBC's. The Bundie Store is complete with two fully opening, lockable front doors for ease of access and high security. Using a forklift, the plastic IBC can be loaded inside the Bundie Store, which is fitted with fork pockets enabling the unit to be easily moved and re-sited.

The fully enclosed Bundie Store also ensures the liquid is out of direct sunlight, poor weather conditions and dust, helping prevent crystallisation and contamination of the liquid.

Complete with an internal sump, the solution assists in preventing the liquid coming into contact with the ground in the event of a spillage or leak. The lockable store also prevents the IBC from being tampered with or vandalised.

Trailed Storage and Handling Solution

Another method of storing AdBlue is inside the easily portable site-tow AdBlue Bundie Bowser.

The unit is fully bunded and complete with either its own hand pump or a 12v electric delivery pump, hose and auto-stop nozzle. This provides safe storage of the liquid whilst enabling the Bowser to be completely self-sufficient.

As with the Bundie Store, the access lid of the AdBlue Bundie Bowser can be locked, making the unit secure and sealing the liquid inside the tank from the elements, minimising the risk of contamination. The bowser can also be fitted with either a plastic or stainless-steel tank both of which comply with good practice directions for storage.



Combined Diesel/AdBlue Storage and Handling Solution

Available in either static, bucket, site-tow or road tow, Ace Plant have also incorporated AdBlue tanks into their already existing fleet of Bunded Fuel Storage systems.



The static Bunded Fuel and AdBlue Bowser combination (above) has a capacity of 1000L of Diesel and 200L of AdBlue.

The larger tandem axle site-tow Bunded Fuel and AdBlue Bowser combination (left) has a capacity of 7000L of Diesel and 3000L of AdBlue. Other sizes and combinations are available to suit site requirements.

Trailed units offer the additional advantage of greater flexibility onsite, helping to reduce the down time of mobile plant requiring AdBlue by providing a mobile filling point.

Uncover more about Ace Plant and our range of innovative products at www.aceplant.co.uk

For further information you can email us at hire@aceplant.co.uk

DETECT **SEPARATE** PROTECT



- Protect crushers, screens and downstream processing equipment from tramp metal damage
- High sensitivity metal detection to detect unwanted ferrous and non-ferrous in product flows
- Comprehensive range of magnetic separators for optimum metal removal



WWW.ERIEZ.EU

ERIEZ MAGNETICS EUROPE LIMITED

Greenway, Bedwas House Industrial Estate, Bedwas, Caerphilly, CF83 8YG, UK

T: +44 (0)29 2086 8501 | E: info-europe@eriez.com

See us on
STAND G11



Couplings and more!

KTR manufacture a range of flexible couplings for power transmission including shaft-to-shaft, shaft-to-flange, and C.I. flywheel applications. KTR also manufacture ranges of oil/air blast coolers, bespoke multi-media coolers, industrial brakes of the hydraulic and electro-mechanical variety, as well as steel and aluminium tanks and other hydraulic accessories associated with power pack construction.

Made for Motion **KTR**

BoWex®
FLE-PA



OAC



www.ktr.com

CMB International will launch a new tracked version of the RC150 Rubble Crusher at Hillhead 2018



As an established manufacturer and service provider in the aggregates industry CMB International have utilised their in-house expertise at their Ravenstone HQ in Leicestershire to develop the tracked version of the existing RC150 Rubble Crusher. The new crusher will be on demonstration at the Hillhead 2018 Exhibition, which will be held at the Hillhead Quarry, Buxton in Derbyshire from the 26th - 28th June.



Martin Brough – MD, comments, “We are very excited about the new tracked version which contains many new innovative features. The plant uses the successful 650mm x 350mm single toggle jaw crusher from the RC150 plant, with the addition of hydraulic setting adjustment and direct hydraulic drive. Weighing in just under 6 tonnes the crusher is mounted on a high speed VTS track-set with interchangeable rubber or steel track options.”

Features:

- Transportable by 20' container, without dismantling.
- Large capacity fuel tank.
- Radio remote control.
- Euro3B/Tier 4 final Hatz water cooled engine. Tier 5 options available. Lesser regulated area options available.
- Product conveyor options, interchangeable.
- Direct feed hopper, or vibrating feeder with by-pass grizzly and rubber liners.
- Other hydraulic accessories and PTO options powered by the on-board system.
- Encapsulated flow path for dust reduction.
- Low noise engine canopy.

The ULTIMATE machine.

The RC150 Rubble Crusher is the ultimate, self-contained mobile crusher; a simple but extremely effective machine. A robust build coupled with minimal maintenance the RC150 is

easily transported to your destination of choice to crush or recycle material, with immediate start-up to produce crushed material. The RC150 Rubble Crusher has numerous applications:

- Recycling
- Demolition
- Infrastructure
- Relief Aid
- Medium sized aggregate crushing applications

The advantages of the new RC150 Rubble Crusher enable the user to become time efficient and eliminate unwanted costs by crushing on site enabling re-use immediately.

Environmentally friendly, the RC150 Rubble Crusher is a true 'green' machine with huge cost savings instantly available eliminating landfill costs, skip hire, transportation costs, external crushing and bought aggregates from quarries all removed from the processing equation.

A full technical specification for the new tracked version with typical product analysis will be available on request at the forthcoming Hillhead show or by calling +44 (0) 1530 563600 or email sales@cmb.uk.com expressing your interest.

Come along and see our amazing new variant of the RC150 Rubble Crusher on stand A19 at the Hillhead show.



UWT (UK) Ltd • sales@uwtuk.com • 01743 715883 • www.uwtuk.com



Housing

- Lid with viewing window
- Display of level measurement & diagnostic data
- Stainless steel 316L with protection class IP 66

Air-purging connection

- Integrated lens cleaner
- Functional reliability even if the material is prone to caking or used in areas with high condensation

Program module

- Plug-in-Display for programming and diagnostics
- Quickstart-Assistant



www.uwtuk.com/nivoradar



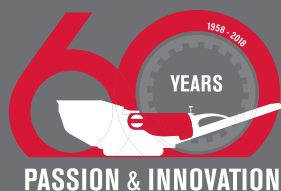
Terex|Finlay are marking a significant milestone of '60 Years of Passion and Innovation' during 2018



“

Sixty-Five years is a major milestone and it brings the Finlay family back to our father John Finlay's vision and inventiveness in 1953. He was the pioneer of screening and an inspiration to us all. He also invented the concrete block making machine and washing plant systems. We are proud that many of the major engineering companies in Northern Ireland have a direct link back to our dad's designs and they are still being used worldwide today. We would like to wish Terex Finlay every success in the future and congratulate them on this special anniversary.”

Stephen John Finlay
(on behalf of the Finlay family)



Our founder, John Finlay, laid the foundations for his business interests in 1953. With a background owning and operating his own aggregate, sand and gravel operations in Co. Tyrone, N. Ireland, John's real passion was engineering.

In 1958 John called upon his engineering expertise to design and launch the world's first hydraulic screener. It was in the same year that John successfully registered a patent for the centre placed single shaft screenbox technology that today is widely used across the industry.

It was from the invention of the single shaft screenbox that the brand 'Finlay Hydrascreens' was born. The Finlay Hydrascreens brand was acquired by Terex Corporation in 1999. Such was the reputation of the Finlay Hydrascreen brand that Terex retained 'Finlay' and introduced today's brand; Terex|Finlay.

The values of integrity, customer satisfaction and innovation that John Finlay instilled in the company remain key pillars of the business today. To celebrate our continued success and this landmark anniversary, Terex|Finlay will launch celebrations at the 2018 Hillhead Exhibition, 26th – 28th June 2018 in Buxton, England.

At the Hillhead show Terex|Finlay will be launching new products to our crushing, screening and conveying range. The full machine line up for the show is confirmed as:

Crushing range;

- NEW J-960, J-1160 and J-1170 jaw crushers.
- NEW I-120RS impact crushers. The NEW I-120 impact crusher is also being previewed in the working demonstration area in advance of its launch in Q3, 2018.
- C-1540 (direct drive) cone crusher

Screening range;

- 674 inclined screen
- 883+ heavy duty screen
- NEW 883+ triple shaft heavy duty screen

Conveying range

- TC-65 & TC-80 tracked conveyors
- NEW TC-100 tracked conveyor
- NEW TF-75HL tracked feeder

Two of the key new models being introduced at the show is the second generation J-1160 jaw crusher and the new 883+ triple shaft heavy duty screener which is being previewed in advance of its launch in Q3, 2018.

J-1160 Jaw Crusher

The second-generation J-1160 jaw crusher has been designed with the customer and operator in mind. In comparison to its predecessor the plant has a number of improvements such as increased under jaw clearance and all round preventative maintenance and serviceability access. The machine is also fitted with our innovative T-Link telematics system as standard.





The heart-beat of the machine is the renowned and aggressive Terex 1000 x 600mm (40" x 24") jaw crusher with a proven pedigree in recycling, demolition and aggregate production applications. The hydrostatic drive gives the operator the flexibility of variable crushing speed and the ability to run the chamber in reverse in recycling applications.

The machine is designed for maximum fuel efficiency delivering one of the lowest cost per ton in the market place and features our updated and larger heavy duty variable speed vibrating grizzly feeder with integrated pre-screen. This increased screening area and aggressive action provides a more efficient method of separating and removing fines before entering the crushing chamber.

The variable speed VGF ensures continuous choke feeding of the crushing chamber. Material from the pre-screen can be diverted to a stock pile via the on board by-pass conveyor, or join the crushed product on the main belt.

The large 5m³ (6.6yd³) hopper has fixed sides as standard and is also available with hopper extensions fitted with hydraulic self-locking to provide efficient and faster machine set up and tear down times.

A key new design feature of the machine is the 900mm (36") wide main conveyor which can be raised and lowered allowing the operator to perform maintenance functions from ground level and for ease of removal in clearing blockages.

Key Features:

- The robust high performance hydrostatic driven single toggle jaw chamber provides high capacity with large reduction ratio's.

- Automatic variable speed VGF ensures continuous choke feeding of the crushing chamber for optimal productivity.
- High powered hydrostatic drive ensures precise chamber controls and reverse functionality for clearing blockages and assisting in demolition and recycling applications.
- Fully hydraulic adjustable closed side setting minimises downtime and offers quick adjustment

NEW 883+ triple shaft heavy duty screener

Terex|Finlay will be showcasing the latest addition to their 8-Series line up of heavy duty screeners, the 883+ triple shaft. This new model is being demonstrated in the working demonstration area and has been developed specifically to work in a variety of dry and difficult sticky applications including quarry, mining, sand and gravel, construction and demolition debris and recycling applications.

The heart of this new model is the new triple shaft screenbox, featuring two "true" full size 16' x 5' screening decks. The triple-shaft design of this new screenbox employs an oval motion stroke to generate an aggressive screening action, reducing plugging and blinding over the screen decks to ultimately provide a quality product with high tonnage output.

The aggressive screening action of the machine with the larger throw on the screenbox makes it ideal for fine screening a diverse range of materials. Even when under heavy load during the testing phase the screenbox has consistently produced high tonnages across a range of difficult and challenging applications. >





We have retained some of the in-built features of our current 883+ screener, including the ability to hydraulically raise the discharge end 500mm to facilitate easy and efficient media changing.

We are introducing three new design features in this plant; firstly, we have increased the width of the fines conveyor to 900mm wide. Secondly, we have increased the hydraulic power to the fines conveyor and thirdly we have set the engine to run at a lower speed. Each of these features have been incorporated to maximize the overall operational efficiency of the plant.

We are pleased to confirm that these updates will be carried across into our standard 883+ platform and will be a feature on plants configured with either our standard screenbox or Spaleck screenbox option.

Key features of the 883+ triple shaft:

- Higher G-force and larger stroke of the triple shaft screenbox provides the optimal solution for high productivity in dry and sticky applications.
- Multiple media configurations including bofor bars, finger screens, woven mesh and punch plates are available for a wide range of applications, from fine screening to heavy scalping.
- All media configurations are compatible with both the standard and triple shaft screenboxes.
- The banana profile of the bottom deck maximizes the screening of fine materials.

Paul O'Donnell (Global Business Line Director), said; 'It's an incredible mile stone for our business and we are thrilled to be here, at the forefront of our industry. Our business has grown on the core values and beliefs of delivering world class leading products that our customers can depend upon. We are not only celebrating 60 years in business, but 60 years of building and supplying innovative products across the globe. We wouldn't be able to offer an unrivalled product range and service to our customers without the dedication and determination of our staff and I thank each and every one of them. I would also like to thank our loyal customers, wherever they are in the world for trusting in Terex|Finlay. We are delighted to have arrived here and are looking forward to the years to come where we will continue to deliver dynamic and innovative solutions for our global customers.'



STAND L3



Close to our Customers at Hillhead

Smiley Monroe is excited to be returning to Hillhead in 2018. The show, held near Buxton (UK) is something of a home crowd for the Lisburn based company which always attracts a large Northern Ireland and GB contingent.

"Hillhead presents a great opportunity to see all of our Northern Ireland and GB customers over the space of a few days. We're geographically close to home, but the exhibition's relaxed atmosphere is conducive to catching up and sharing what's new," says Smiley Monroe's NI Sales Manager Dave Mullan.

And there's plenty to celebrate this year for Smiley Monroe. New customers in the US and Europe and a thriving global industry has resulted in a record breaking sales year for the Giants of Belting. The company first broke their monthly sales record in March 2017 after returning from ConExpo -Con/Agg (Las Vegas) and then exceeded this record three more times before April 2018. Increased demand has meant doubling weekly endless conveyor belt output year on year and led to the company investing in additional manufacturing space and a new waterjet cutter for its Custom Cut Parts operation. Smiley Monroe has also created several new posts, strengthening a broad range of functions such as production, supply chain and dispatch.

What's New?

'We've been getting closer to our customer than ever before this year' says Marketing Director, Tim Monroe. 'We've spent more and more time visiting our customers, not just in Northern Ireland but in North America, India and Europe. We invested time in market research, asking our customers about their pain points and feedback during the buying process. The positives which kept coming back were our problem-solving capabilities and our relationships with our customers, but that sometimes our technical knowledge wasn't readily available online.'

Based on that feedback Smiley Monroe has designed a new website which puts the customer at the centre of the experience. The new site will be officially launched at Hillhead 2018. Along with an improved user experience, the new features include a 'Toolkit' or log in area which will be a home for more in depth technical information and helpful resources including conveyor belt calculator. "We're the experts in what we do and as we grow we want it to remain easy to access the information you need as efficiently as possible. We're committed to bringing you more case studies, how-to videos and content than ever – essentially building an online 'Toolkit' for our engineers," explains Tim.

To celebrate the launch of the new website, Smiley Monroe will be giving away a Go Pro Hero video camera to one lucky user who logs into the Toolkit during the Hillhead show. Stop by their outdoor stand (E6) to receive a scratch card with unique log in code which enables immediate access to the Toolkit. To enter, log in and take the Toolkit for a spin to win!

Experience the Giant

The Smiley Monroe 'Giant of Belting' is making his first trip across the Irish Sea to Hillhead 2018 and will take centre stage on the company's outdoor stand (E6). This larger than life character makes for a great selfie and is a sculptural addition to the quarry landscape amongst the all the other industry giants. So why not take a moment to say hi before



catching up the Smiley Monroe team. The company's Virtual Reality experience, launched at ConExpo, will also be running on the stand, offering a unique opportunity to discover all Smiley Monroe's products in less than four minutes.

"We've a lot to talk about this year" says Chris Monroe, Smiley Monroe's Global Sales Director. "With the industry as buoyant as it is, and just like at ConExpo 2017, I've no doubt the atmosphere at Hillhead will be buzzing. Invest NI's support, as always, makes Hillhead a real home from home."



Exhibiting at
Hillhead
Stand W6

RUD Chains Ltd

Conveyor & Drive Systems for Bulk Materials Handling



- BULKOS Conveyor systems: scraper, screw, drag chain conveyors & apron feeders
- Standard & tailored conveyors, bucket elevators & spare parts available
- Horizontal & vertical bulk handling capabilities
- BULKOS drive systems for lifting, moving, telescoping & sliding
- CRATOS conveyor systems: fuel handling: coal feeders & de-ashing systems

www.rud.co.uk 01227 276611

RUD Chains Ltd, Units 10-14, John Wilson Business Park, Thanet Way, Whitstable, Kent, CT5 3QT

The Complete Quarry Solution

New and used static & mobile quarry plant, spares and on-site maintenance



CMB International Limited

LITTLE ALTON FARM, THE ALTONS, RAVENSTONE, LEICESTERSHIRE LE67 2AA UK T: +44 (0) 1530 563600

www.cmbcrushersandscreens.com

Hillhead 2018 - New machines showcased by Volvo's exclusive dealer, SMT GB



This year, SMT GB will be showcasing new machines from Volvo Construction Equipment as well as sponsoring Hillhead's show-stopping Man Engine, and the company is inviting all operators to compete in the GB heats of the anticipated European Operators Club Competition on their stand...

Hillhead is synonymous with innovation and SMT GB, as the only dealer of Volvo Construction Equipment in Great Britain, will likewise be leading with a range of trailblazing activities.

Perhaps the most innovative machines premiered this year by Volvo has been the new L260H wheel loader. Built in response to evolving business demands, the machine can load 26 tons in just two passes. Compared to its predecessor, the L260H boasts 15% greater productivity thanks to the intelligently designed wheelbase (increased by 2 inches) and optimised weight distribution of the front frame and lifting arm system.

These two features allow for larger buckets to be used and deliver 6% more power, 5% more torque than the L250G, and 10% better fuel efficiency. It comes with four new specifically designed buckets with the rock bucket having a longer floor that can hold 11.5% more material, boosting productivity by up to 25%.

Redesigned rehandling buckets are easier to fill and new convex sides minimise spillage by 5%. Figures like these can make a big difference to a company's bottom line.



Also shown for the first time at Hillhead is the all-new and versatile EW240E material handler - the strongest and most innovative yet, specifically designed for the waste and recycling industries. It has impressive reach of more than 11 metres and boasts a host of new features like a dedicated upper structure and reinforced undercarriage to withstand the forces in scrap-sorting applications.

It differs from a standard excavator with the hydraulically elevated cab, four stabilizers as standard, full rubber tires, and tailor-made straight boom that is flexible enough to be fitted with either a five-metre gooseneck arm or a four-metre grab/sorting arm.

Performance is enhanced by the boom-float function and the boom cylinder dampening which minimizes shaking and holds the grapple in place for increased stability. To improve accuracy, the grapple control and soft-swing braking system work in harmony during simultaneous operations, while optimized hydraulics system deliver instant response.

The Volvo cab can be raised up to five metres for an eye-level view keeping operation steady when working at height. To enhance safety, the EW240E is equipped with the arm in limitation to avoid collision between the cab and the grapple. Best of all, customers can configure the machine to their application by selecting either a gooseneck arm or straight arm to ensure they always have the best grasp for the job.

At the SMT GB stand this year, machine operators are in for a lot of fun with the GB heats of the Volvo Operators Club European Competition. Any qualified operator can have a go on the Volvo machines in a series of practical challenges for





The first L260H in GB was sold to Lightwater Quarries



the ultimate chance to compete with other European operators at the legendary annual Grand Final later this year in Konz, Germany where the top competitors from 15 European countries will put their skill, speed and precision to the ultimate test.

The GB Operators Club has attracted over 4,000 member operators of Volvo machines (and other makes) who are all welcome to sign up for free. The competition will be held in three outside areas of the stand as well as on a Volvo simulator. All that's needed to take part is a valid operator license /accreditation eg. CPCS, be a GB resident, and take a breathalyser test beforehand.

Challenges have previously included driving machines through obstacle courses and demonstrating precise movements with various attachments – all against the clock.

Shown for the first time at Hillhead, the ECR355E short-swing radius excavator offers significantly increased digging and lifting forces, controllability and ultimate uptime, as well as 10% better fuel efficiency and is the ideal partner for pipe laying, trench-box installation and utility work.

The ECR355E features increased hydraulic flow for accurate control in grading and combined operations. The synchronized boom and arm assist ease of movement when simultaneously traveling and lifting, contributing to higher grading quality.

The password-protected attachment management system allows storage for up to 20 different attachments. The user-friendly system allows the operator to pre-set the correct hydraulic flow and pressure inside the cab through the monitor, to get the most performance from attachments.

Joining in the fun and answering the industry's growing demand for short swing wheeled excavators, the EWR170E will be on the SMT GB stand to showcase it's host of intelligent features including the opportunity to steer the machine using only the roller on the joystick, up to 20km/h (12mph) called Comfort Drive Control (CDC).

The EWR170E can be individually configured with either standard 2.5m wide axles or, to boost stability, 2.75m axles and blade. Approved for road use, the ever versatile wheeled excavator has an optional road-homologated trailer hitch which can pull up to eight tons (for trailers with overrun brakes). Made to move, the EWR170E also has an optimized hydraulic hose routing on the boom and arm to enhance durability and reduce the chance of damage.

Did you know the Man Engine was powered by Volvo? A L220H wheel loader is the heart of this project, and CEO of SMT GB, Nick Allen, is delighted: "The Man Engine is a magnificent feat of engineering and we're proud and happy to have our machine power its countrywide tour, and here at the show. We've been sponsoring this amazing project since 2016 and can't wait to see the Man Engine transform to his full 11.2 metre height once again."

Will Coleman, Director of Golden Tree Productions, adds: "We'd like to thank SMT GB & Volvo CE again for sponsoring the machine which has recently returned from a tour of South Wales & Cornwall to play at Hillhead 2018. This year marks the beginning of The Man Engine's ambitions for a global tour."

SMT GB markets Volvo Construction Equipment products which include wheeled loaders, articulated haulers, hydraulic excavators, Volvo utility equipment and Volvo road equipment products in Great Britain. There are eight strategically placed customer support centres, a dedicated National Used Equipment Centre and a network of utility equipment dealers to ensure high quality customer support is maintained throughout the country.





THE L260H LOADER IN A CLASS OF ITS OWN

Smarter, stronger and faster. Created with the customer for the customer, Volvo brings the next generation wheel loader – the L260H. In an industry that's always evolving, with growing business demands, customers need a machine they can rely on. An asset to your operation, the L260H is a reliable machine, which has been upgraded with innovative technologies and increased payload capacity, for greater productivity. **Building Tomorrow.**



See the L260H on stand Y5, 26th - 28th June.

SMT GB
Duxford, Cambridge CB22 4QX
Telephone: 01223 836636

www.smt.network

SMT
SERVICES MACHINERY TRUCKS



Telestack[®]
Mobile Bulk Material Handling



Radial telescopic stockpiling aggregates



LF 520 stockpiling in stockyard

EASY PAYMENT FINANCE PROGRAMMES AVAILABLE FOR UK CUSTOMERS



TCL 1031 stockpiling 0-300mm aggregate up to 1500 tph from a primary jaw crusher

#WeHaveTonnesToTellYouAbout

+44 (0) 28 8225 1100
sales@telestack.com
www.telestack.com



**THE
POWER
TO MOVE
MATERIALS**



10th consecutive appearance for Master Magnets at Hillhead 2018

Master Magnets Ltd will again be exhibiting at the Hillhead show this year, making it the company's 10th consecutive appearance at the world's largest exhibition of working quarrying and recycling equipment. The Mastermag stand (C9) will be located in its usual position, on the ramp leading down to quarry, where the company plans to have a range of Magnetic Separators and Metal Detectors on the stand.

A lot of exciting new developments have taken place at Master Magnets since the 2016 show, having joined the Bunting Magnetics group of companies, expanded the product range and significantly strengthened its global network of distributors.



"We very much look forward to meeting all of our new and existing customers at what promises to be another fantastic Hillhead show!"

Tailored made solutions from DMN UK at Hillhead 2018

DMN UK offer a wide range of DMN-WESTINGHOUSE rotary valves, diverter valves and other related components for the bulk solids handling industry. Offering tailor made solutions for chemical, food, plastics, pharmaceutical, minerals and power/biomass industries, our products are distributed world-wide. Besides an extensive range of standard versions, we supply components that are pressure shock resistant to 10 bar, flame proof, ATEX compliant to Directive 2014/34/EU, etc.

The range of rotary valves includes the well-known AL drop through airlocks and the DL dust locks. The BTD ball diverter with its rugged design is specifically suitable for handling abrasive products.

DMN valves excel under some of the most arduous conditions. If they ultimately show signs of wear, we offer a refurbishment service for our products and can return worn equipment to original manufacture specifications, including comprehensive warranty and back up service.



SCREENING CONSULTANCY & SUPPLIES LTD



Screening & Lining Solutions

SCS specialises in the design, manufacture, installation of synthetic screening surfaces and wear resistant linings to the mineral processing industry.



42 Somers Road, Rugby, Warwickshire CV22 7DH

Tel No. 01788 55 33 00 Fax No. 01788 55 11 99

Email: sales@scsrugby.co.uk

www.scsrugby.co.uk

PROFESSIONAL – RELIABLE – COST EFFECTIVE – QUALITY

Dernaseer celebrate 30 year anniversary at Hillhead 2018



Dernaseer will be celebrating 30 years in business this year at the upcoming Hillhead exhibition. Started in 1988 by Declan McKenna the company has grown to be a leading manufacturer of washing and screening equipment for the aggregate, mining and recycling industries.

Dernaseer continue to expand in Ireland and the UK and in the two years since Hillhead 2016 the company has also significantly increased its global market with a presence now in India, the Middle East, USA and Central America. The company is looking forward to expansion in Australia following the company's partnership with Sydney based Tricon Equipment to offer the Dernaseer washing and screening range.

Already in 2018, Dernaseer have installed equipment for many Irish and UK companies, including Acheson & Glover, Dan Morrissey, Hillstreet Quarries, Armstrong Aggregates, Breedon Aggregates, Harleyford Aggregates, Brinklow Quarry & Lawer Bros.

Following the recent installation of his second DWP450 mobile washing system, David Armstrong, Managing Director of Bolton-based Armstrong Aggregates said, "Dernaseer are a family run business and they are committed to making things work. As a smaller business they can be more flexible than the bigger boys and the owner Declan McKenna looks after



all aspects of the installation. They provide a value for money plant that does what it is supposed to."

Dernaseer will be exhibiting at Hillhead on stand Q4 and Declan is eagerly looking forward to another successful Hillhead show this year stating, "We can't wait to welcome all the old faces we know and meet up with new customers interested in our washing and screening solutions."

QK Conveyors at Hillhead 2018

QK Conveyors is a leading supplier of materials handling solutions for the sand & gravel, quarry, concrete and recycling industries. Based in County Tyrone, Northern Ireland, which is a recognised centre of excellence in the design and manufacture of materials handling equipment QK specialise in wheeled conveyors, tracked conveyors, static conveyors, belt feed hoppers, crusher feed bins, surge hoppers and blending plants. The company have recently introduced a range of bulk silo and storage solutions for the construction, biomass and agricultural market.

Since 2007 QK Conveyors have supplied equipment to customers all over the world including Ireland, UK, USA, Australia, New Zealand, South Africa, Latvia, Lithuania, Netherlands, Belgium, Germany, Norway France, Kenya, Malta, Bahrain, Morocco, India, Georgia, Russia, Romania, Colombia, Sweden, Oman, and Poland. Many of the company's products are designed to be loaded into shipping containers for easy international shipping.

QK recently launched its new updated website www.qkconveyors.com which will help customers find out more about what the company does and its products. Company boss Martin Conway is also excited about the upcoming Hillhead exhibition where QK will be present on Stand Q4, "I'm really excited about Hillhead as we expect to see a lot of our existing customers in the one place as well as introducing our products to an increasing customer base".





VISIT US AT
HILLHEAD 2018
Stand Z4
26-28 June 2018



Join the
Orange Revolution!

DOOSAN



www.doosanequipment.eu

New products, innovations and technology from TEREX® Minerals Processing at Hillhead

Terex Minerals Processing Systems is delighted to be exhibiting at the upcoming Hillhead Show in June. Terex® MPS provides a complete range of crushing and screening equipment to customers around the world operating in four key industries: Mining, Aggregates, Demolition and Recycling and Industrial Minerals.

David Hunter, Sales Director for Terex MPS said "Hillhead has always been a great show for us. We not only have UK customers visiting the booth but many international visitors as well. We are always pleased to return to Hillhead to show the breadth of our product portfolio. In addition, we have a good story to tell regarding new products, innovations and technology"

Terex MPS will be promoting the MC1000 Modular Cone. The MC1000 compliments the other products in the Modular Product Portfolio currently in existence. The modular product line consists of pre-designed static and semi-static crushing and screening "plug and play" modules. This simple but effective product line gives flexibility to customers to choose "ready to work" modules to create the plant needed for a variety of applications. All modules are designed to fit and work together interchangeably.



STAND H6

The Terex® MC1000 Modular Cone Crusher handles an all-in feed for continuous crushing. Its 40" (1000mm) cone has a full range of configurations for short and long throw. The all roller bearing design improves crushing efficiency. Set up time and ease of operation is aided by the simplicity of the modular product range. All of our modular crushers and modular screens bolt together on site and require minimal on-site wiring. Designed with logistics in mind, the MC1000 Cone Module, including all its components, can be transported in one container.

MPS team members will be on hand throughout the event to introduce these latest innovations and to offer their unique combination of experience and expertise to customers seeking maximum efficiency, performance and serviceability from their materials washing equipment. Visit us on stand, H6, and let us introduce you to our latest product and innovations. For more information on Terex MPS visit: www.terexmps.com



Marcantonini Concrete Technology

READY MIX BATCHING PLANTS

Turnkey Solutions & Tailor Made Concrete Plants
Worldwide Service and After Sales Network
Automatic Washing & Recycling Systems
Automation Software COMPUNET®

MCT ITALY SRL

Via Perugia, 105 - 06084 Bettona (PG) Italy
Tel.: +39 075 988.551 Mail: mail@marcantonini.com
www.marcantonini.com



PUK Services Representative in UK & Ireland
Tel: +44 1789 721655 Mail: puk@pukservices.co.uk
www.pukservices.co.uk



BOOTH U13



Bruce promote their self-contained wash plant – Bruce Washpod



Bruce Materials Processing Solutions are a global manufacturer and distributor of washing equipment and solutions for the quarrying, minerals extraction, recycling and waste management industries.

BWPOD 100 – Bruce WashPod

Bruce will be promoting their self-contained Wash Plant – Bruce WashPod. Our constant focus on product development and innovation has further enhanced this machine's capabilities. Aggregate scrubbing, trash removal, aggregate rinsing/sizing and sand dewatering are all included in one neat package. Minimal footprint (size of a 40ft Container), manoeuvrability, use of branded components throughout and production of quality in-spec end products are just some of the key benefits offered to customers.

BWB120 – Bruce Water Separator

As well as the Bruce WashPod, visitors will be able to view the BWB120 – Bruce Water Separator. Now with the added benefit of a new optional silt removal system, the BWB120 is designed for the removal of lighter density materials such as plastic, paper, cardboard, wood and polystyrene from aggregates, rubble, Trommel fines plus C & D waste. The Bruce Water Separator is an effective cost-efficient machine enabling customers to clean material and create additional revenue streams from previously redundant materials.

Bruce sales and engineering staff will be on hand to answer questions and discuss your requirements for washing/screening/feeding/ recycling solutions and we look forward to welcoming you.

SCG Supplies celebrate another 2 years of continued success

SCG Supplies Ltd, UK based Crushing and Screening Spares Specialists will have their usual stand (C15), at Foot of the ramp of Hillhead show.

This year the company celebrates another 2 years of continued success on the aftermarket supplies of spare parts to the quarrying and recycling industries by attending the show once more.

Further news to celebrate for SCG is the extension of their territory to cover the whole of the UK for their extremely successful Portafill dealership.

Portafill will also be attending Hillhead (Q5) and will be launching 3 brand new machines during the Hillhead show.

SCG will also be helping to man Bruce Materials Processing Solutions Stand (C24) at the show.

NI based Bruce will be show casing their range of aggregate washing solutions for both primary and recycling applications. The long-standing relationship with Bruce continues to be a great success.

So much so, that the show will see a valuable addition to the sales force. George Moffat, who has been advising customers on crushing and screening solutions for the best part of three decades both in the UK and the USA has joined the team. George, who will already to many companies, is based in Derbyshire and will be covering the midlands and southern areas.



SCG Equipment Sales Director Paul Thorne said "The uptake for Portafill in the UK market is astonishing, people seem to be buying into the build quality and design innovation that Portafill offer, and I would like

to think that the way we do business is the right way. Our core ethos is that customer contact is more important after the machine has been supplied and before the sale is made and with Portafill being the originator of the compact crushing and screening sector its good recipe".

SCG look forward to welcoming both new customers and valued existing customers to all 3 stands that they will be manning during Hillhead 2018.



QMS AGGREGATE



PROCESSING EQUIPMENT

Delivering results, reliability & rock solid dependability



- Crushers
- Screens
- Feeders
- Conveyors
- Complete Modular Plants

CONTACT US: T. +44 (0) 1530 811 081 | F. +44 (0) 1530 510 960 | E. sales@qmsupplies.co.uk

Quarry Manufacturing & Supplies Ltd Grange Road, Bardon Hill, Coalville, Leicestershire, LE67 1TH



VISIT US: www.qmsupplies.com



Telestack - the tried, tested and trusted brand within the conveying business!



STAND E11

With the eagerly anticipated Hillhead 2018 exhibition fast approaching, Telestack are preparing for their most comprehensive display of equipment yet, with no less than 6 new models making their Hillhead debut on the stand, along with some of the more established and recognised Telestack models. Hillhead has always been a show case for what is new from Telestack since the previous show, and 2018 is no different. Having over three decades of experience within the material handling business and another year's record sales performance, Telestack are widely regarded as one of the leading suppliers globally of all equipment relating to material handling and plan to use the platform to demonstrate the breadth and depth of their range and experience.

The Telestack MH5680 Mulch Hopper is a track mounted fully mobile feeder conveyor designed to stockpile materials such as mulch, biomass, woodchips, shredded pallets, wood pellet, green waste, palm kernel shells etc. It can be directly fed by wheel loaders, grab cranes, wood grinders, shredders, screeners or trommels.



Malachy Gribben, Commercial Director comments "Telestack are considered the tried, tested and trusted brand within the mobile conveying business. We don't take this loyalty lightly and we continue to invest upon our decades of experience. In this business you have to earn experience – it is not transferable! Our display this year at Hillhead will demonstrate how our investment in new product development, coupled with the constant communication with our industry leading global dealer network, produces the most innovative and consistently reliable equipment in the material handling market. The Telestack stand this year will mark a definite move to more sophisticated and innovative equipment and we are anticipating that Stand E11 will prove one of the highlights of the 2018 exhibition!"

Telestack, specialists in the complete design, manufacture, installation and commissioning of mobile, bulk material handling systems and have a global proven record in a range of applications including mining and quarrying, stockyard management, ports & inland terminals, power stations, rail yards, steel mills, cement kilns and many other bulk material handling industries. Telestack have matured into two clear divisions - Telestack Aggregates and Mining and Telestack Ports and Inland Terminals - and offer a range of solutions and reference sites along the logistics chain from pit, to port to plant.



The 100,000+sq ft. Telestack factory incorporating one of the most technically advanced paint shops in Ireland and the UK. Work is already underway to further extend the site over the forthcoming 12 months including plans to further extend their manufacturing and customer support footprint.

Gribben continues "Telestack have grown extensively, not only in terms of sales but also in terms of new geographic markets, new industry sectors, new applications, new commodities handled and the associated product range. Our mobile bulk material handling systems can fit into a complete range of applications following the logistics chain from the Pit to the Port and subsequently from Port to the Plant. Our systems are designed to enhance productivity, flexibility and efficiency in every operation by incorporating innovative and clever design backed up with solid build and high-quality finish. Continuous innovation has been critical to our growth and as we watch competitors, old and new, entering the market with products we have been offering for over 10 years, it is vital that we keep innovating to stay ahead and our stand in 2018 reflects this aggressive product development."

Telestack have invested heavily in their manufacturing facility and will continue to do so over the forthcoming 12 months with plans to further extend their manufacturing and customer support footprint. Demonstrated by their recent £2million investment in one of the most technically advanced paint shops in Ireland and the UK, Telestack keep quality and experience centre to their business.

Managing Director Martin Dummigan explains "Telestack are one of the primary bulk material handling suppliers and we have a responsibility to our dealers and customers. We have invested significantly in our facilities, we have increased our workforce, we continue to source the best suppliers and we recognize our obligation to invest in our new products. New entrants to the market are a given in any industry but we remain steadfast to our principles of quality, innovation and loyalty. Our sales have grown by 60% in the last 2 years and this didn't happen by chance. A significant factor in our success story is our dealer network. We have long term partnerships across the world and these relationships are based on mutual trust and respect. We very much appreciate the hard work and investments that our dealers make, and together we are anticipating another record-breaking year in 2018."

Telestack will use Hillhead to globally launch a number of new and innovative models including the Olympian W1800 Drive Over Mobile Truck Unloader. Designed to accept bulk material from Trucks/Bulkers, the Olympian range is designed to be loaded directly and can receive up to 20m³ payload (32 tonne). The machine can feed auxiliary equipment, reclaim on





The Titan T800-6 and TS1042 loading aggregate onto barges in Japan demonstrating the use of the Telestack equipment along the Logistics Chain from Pit to Port and ultimately from Port to Plant



The Olympian W1800 Drive Over Mobile Truck Unloader is designed to accept bulk material from Trucks/Bulkers. The Olympian range is designed to be loaded directly and can receive up to 20m³ payload (32 tonne). The machine can feed auxiliary equipment, reclaim on to other conveyors, directly load ships, trucks, rail wagons etc.

to other conveyors, directly load ships, trucks, rail wagons etc. Since the Drive Over Truck Unloader is wheel mounted the unit has excellent mobility on site and will eliminate double handling of material, which ultimately reduces overall costs for operator. Telestack solutions offer the most efficient method of transferring bulk material from trucks, rail wagons, wheel loaders or discharging grab cranes to auxiliary equipment in a range of applications and industries. The range offers greater flexibility and mobility than fixed infrastructures while maintaining performance and minimising any civil requirements.

Telestack will also display the AggStack® 36 x 140 Radial Telescopic Conveyor with self-contained power unit. The AggStack® range is also available as low tail and self-contained options to enhance the proven record of performance and reliability of the range in aggregate applications around the globe. The self-contained diesel engine allows the Operator to position and operate all machine functions without the need for an external power source enhancing the flexibility and ease of use for the Operator.

Another exciting development for the Telestack brand is the enhancement to the Telestack hopper feeder range. The MH 5680 Mulch Hopper is a track mounted fully mobile feeder conveyor designed to stockpile materials such as mulch, biomass, woodchips, shredded pallets, wood pellet, green waste, palm kernel shells etc. It can be directly fed by wheel loaders, grab cranes, wood grinders, shredders, screeners or trommels. The MH 5680 has a 1400mm (56") wide feeder belt and steep 70° hopper sides. These features

maximise the hopper opening to allow material to flow unrestricted onto the Incline conveyor. A rotating auger at the outlet aerates and untangles difficult materials and regulates the flow onto the incline conveyor. The unit has excellent mobility on site and will eliminate double handling of material, which reduces overall costs for the operator. The Revolution feature also means that the hopper feeder has a centre mounted slew bearing that enables 360° rotation of the hopper and boom. Ideal for barge loading and unloading, rail loading and unloading and stockpiling, the parallel travel feature enables the operator to manoeuvre the unit parallel to the vessel removing the need to reposition the unit, thus enhancing loading rates and efficiency! The Revolution option is available on all HF/LF/MH models.

This is just a small selection of what Telestack promises for the three-day event with much more on the stand.

Telestack has always been renowned throughout the aggregates industry for the quality of its machines and the company was awarded UKAS accreditation covering key global standards; ISO 14001:2015 (Environmental Management), OHSAS 18001:2007 (Health & Safety Management). This is in addition to the Northern Ireland headquartered firm's existing accreditation to ISO 9001: 2015 (Quality Management). The Telestack Integrated Management System (IMS) ensures that anything which has an effect on overall business performance is monitored, actioned and improved.

Telestack extends a warm welcome to those attending Hillhead. Visit stand E11 to see the Telestack units first-hand and to meet members of the Telestack sales and customer support teams.

For more information on Telestack please go to www.telestack.com



TC421 Tracked Conveyor – One of Telestack's Tried, Tested and Trusted Models and a core product in the aggregates industry for over a decade



For those in the know our fully stocked warehouse is the place to go

Parts suitable for

Powerscreen, Pegson, Sandvik, Finlay, McCloskey, Doppstadt, JCB, Komatsu, CAT



Tel: 0845 257 6500 | 01698 828683 | sales@scgsupplies.co.uk
www.scgsupplies.co.uk

**intelligent
washing
solutions**

BRUCE
MATERIALS PROCESSING SOLUTIONS



**SEE US ON
STAND C24**



+44 (0) 28 8676 3684

sales@bruce-eng.co.uk

www.bruce-eng.co.uk



Versatility, ease of transport and high throughput.

Natta Plant Ltd. trusts in Maximus vibrating scalpers:

Natta Plant provides equipment for civil engineering and ground working projects. In line with its commitment to recycling they also hire out screeners to help clients meet recycling targets. After owning a Maximus 409 screener for a year Natta subsequently decided to buy another durable Maximus 512S vibrating scalper to cope with the rising number of jobs. The 409 scalping screen will be displayed at the Maximus booth C22 at Hillhead.

The first time when we were looking for a new three -way screener we tested several different brands and options. We finally settled on the Maximus 409 vibrating scalper.

The main reason for our decision was the impressive build quality of the machine, which we knew we could rely on for years to come," says John Gormley, plant manager at Natta Plant Ltd. in south east England. Initially the independent hire company was founded to supply Natta Building Company with all their plant and transportation requirements. Being one of the largest privately-owned plant hire companies in the South East Natta Plant is also able to hire out plant to external companies. It offers various kinds of equipment ranging from civil engineering to groundwork projects. Moving from site to site the screeners have to handle diverse kinds of material from clay bound gravel, rock and mineral ores to sticky construction, demolition and excavation waste not to mention natural rock separation.

For this reason, the company needed a very flexible and durable scalping screen which was easy to transport. With the Maximus scalper they found it: "The key feature on the 409 has been its versatility and ease of transport, none of which has compromised on their build quality," says Gormley. With the business going well, Natta Plant was looking for an additional, even bigger screener, and subsequently decided for a Maximus 512S vibrating scalper. Designed to cope with the



heaviest applications, the Maximus 512S can be used in crushing circuits, demolition and construction waste management, aggregates, heavy rock and topsoil applications, as well as many others. John Gormley is more than happy with the machine: "Our decision to go with Maximus was soon justified. Both scalpers are more than capable of handling the volume of material our sites needed require." >





Keeping downtimes to an absolute minimum

As a company that hires out equipment the machines need to be robust, reliable as well as easy to service and maintain. The well-built Maximus scalpers are perfectly prepared for that purpose.

If something does happen, Maximus customer support reacts quickly. "The rare issue we did have was rectified by experienced field technicians on the same day," tells Gormley. Also wear and spare parts are highly available and ensures that its machines keep on working to maximize the profitability of their customers.

Acquisition through RM enlarges portfolio and enhances service

The news that RUBBLE MASTER acquired Maximus was released earlier this year. The customers will definitely benefit from this acquisition in different ways. One of the parties who will also be directly affected by the changes is Taylor & Braithwaite Ltd. in Northern England. T&B have been Maximus dealers for the past four years and recently took on the RM dealership and have already had amazing success with the world market leader in compact crushing.

Being successful with both lines, Ian Burton, director of sales at T & B is looking forward to the cooperation of his suppliers, "The move by RM to acquire Maximus is a welcome one. I think that the whole world is aware of the quality, professionalism, service orientation and brand strength of RUBBLE MASTER. From what we have seen in the early stages of this acquisition, these values will now be applied to the

screening products as well. The Maximus products are well built and robust, and the structure and innovations that Rubble Master will bring to the Maximus products will ensure continued growth and expansion." The acquisition also provides Maximus and RUBBLE MASTER with the advantage of extending the product range. The first outcomes of the cooperation between the two companies are already happening, with more in the pipeline.

About Maximus Crushing & Screening Ltd.

Maximus Crushing & Screening develops and produces high performance mobile screening equipment for a wide range of applications. The company was founded in 2004 in Northern Ireland. Since its inception Maximus has grown progressively and sells its products into the whole world. One main focus is always on the customer support.

The Maximus product range is built using high quality materials and components, making them robust, reliable and easy to maintain, giving many years of service to maximize profitability. With its professional customer support and spare and wear parts management downtimes are reduced to an absolute minimum. All these values also count for RUBBLE MASTER HMH GmbH. For this reason, the Austrian world market leader for compact crushers became majority owner of Maximus in 2018.

For more information please visit us on:
www.maximusscreening.com



THE PERFECT PAIR

SENEBOGEN®

and Molson Green have joined together to take over the distributorship of material handling machines for industries such as waste, recycling and timber handling industries.



TEREX | **ECOTEC**

and Molson Green have also teamed up with major equipment manufacturer Terex as a UK supplier for the Ecotec range of environmental equipment.

AUTHORISED DEALER

MOLSON
GREEN

BRISTOL OFFICE:
MOLSON, SMOKE LANE,
AVONMOUTH,
BRISTOL BS11 0YA

www.molsongroup.co.uk
E: info@molsongroup.co.uk

TEL: +44 (0) 1179 820 123 FAX: +44 (0) 8450 179516

WARRINGTON OFFICE:
MOLSON, ATHLONE ROAD,
WARRINGTON
WA2 8JJ



ACEPLANT



Stand H9



www.aceplant.co.uk

01908 562191

hire@aceplant.co.uk



Bunded Fuel Bowers • Dust Suppression • Lighting Towers • Telehandlers • Tractors • Trailers • Brushes • & more...

DERNASEER

NO NONSENSE & VALUE FOR MONEY WASHING SOLUTIONS

BEST CHOICE FOR MEETING STRICT SPECIFICATIONS FOR CLEAN SAND AND AGGREGATE

- Mobile wash plants
- Static & modular wash plants
- Washing & rinsing screens
- Cyclone compact sand plants
- Bucketwheel sandwashers
- Scrubber barrels
- Logwashers
- Hoppers & feeders
- Conveyors
- Water treatment & silt management
- Fresh water pumps
- Slurry pumps



Dernaseer Engineering Ltd. 114 Gortlenaghan Rd., Dungannon, Co. Tyrone. BT70 3BW

E. info@dernaseerwashing.com T: 078 098 64869 #nononsensewashing

www.dernaseerwashing.com

DERNASEER



CEMEX - West Deeping



STAND H7



MAXIMISE YOUR EFFICIENCY AND PROFITS

www.duoplc.com

THE DUDMAN GROUP INVEST IN A TEREX WASHING SYSTEMS AGGRESAND™ 165 FOR THEIR ALBION WHARF OPERATION

Based in Southwick, West Sussex the Dudman Group has over 30 years-experience in the Construction and Logistics sectors.

Originally the company started life as a haulage firm which over the years has grown into the Dudman Group of Companies, which is today an independent group that supplies aggregates and ready-mixed concrete.

Working across the south coast with a haulage fleet of 40 vehicles, including tippers, articulated trucks, mixers and sweepers the company has been successfully involved in many high-profile projects including the current development at Brighton Marina.

The company operate out of depots across Sussex and Hampshire and own 8 quarries in Sussex processing sand and gravel and recycled products.

Their crown jewel however is the St. Keverne quarry in Cornwall which has 20 million tonnes of resource and its own quay side. A whole range of products from granite dust, to type 1 and rock armour up to 9-tonnes in size is delivered by ship to Southwick where it is despatched to clients.

More investment:

Recently the company have made further investment in a new AggreSand™ 165 plant for their Albion Wharf operation which has been supplied by DUO (Europe)plc who are the English and Welsh dealer for Terex Washing Systems (TWS)



Steve Dudman – MD for the Dudman Group, comments, "We have had a long successful relationship with DUO and the TWS product, with 90% of all our crushers and screens being Powerscreen, so it made perfect sense to continue the relationship and invest in further plant that we have full confidence in. This is the second AggreSand™ 165 we have sourced from DUO as they recently installed one at our Kingsham Sand and Gravel Quarry at Chichester which has been operational since last August and has provided trouble free operation."

With the civils completed in-house the AggreSand™ 165 electric plant was installed and commissioned by DUO in December and is now employed processing sea dredged ballast. A cargo of 4,500 tonnes is delivered by dredger on a weekly basis, or more frequently to satisfy any increased demand. A 5-acre site at Southwick allows the company to effectively handle the consumption and production of this material.





A COMPREHENSIVE PA COMPLETE PROCESSING

including specific industrial applications for the Q
Bulk Handling Industries and Transport Infrastruc



AI - Sheffield Rail unloading



CEMEX - West Deeping

PACKAGE OF NG SOLUTIONS

Quarrying, Recycling,
Structure.



CEMEX - Dagenham washplant



Masters Quarry was previously worked by Hanson and Holme Sand and Ballast as a single unit between 1987 and 2012 and comprised of four extraction areas, Hyde and Hines and Masters North and South with Hanson operations being mothballed in September 2012.

Masters (or Hyde as it was originally known) is situated in an area classified as lowland heathland and is internationally recognised as an important habitat for smooth snakes and sand lizards; Both animals and their habitat are protected - European Protected Species (EPS).

The land was not classified as important until the late 1990's. Prior to this time the quarry worked the underlying sand, removing the heathland in the process. When Hanson UK received notification that the land was to be designated as a cSAC (candidate Special Area of Conservation) in addition to the SSSI and SPA designations, extraction was transferred from the Masters North and South areas to the freehold land at Hyde Pit, which, having already been stripped prior to the notification of the designation, allowed the quarry to continue working at outputs levels of circa 300kt.

Planning modification orders preventing the extraction of minerals from undisturbed Heathland were then formally issued in November 2006, sterilising approximately 9Mt of reserve. Most of the minerals affected by the modification orders however were located within Masters North and South, therefore the mineral asset was not affected, although the orders significantly reduced the minerals available for future extraction.

Simon Parkes - QM takes up the story, "Although never worked as a stand-alone quarry, Hanson planned to re-open Masters Quarry in April 2016 with a fresh team and I was appointed as QM to take the project forward.

We had a lot of problems with the EPS, as in this area we have every species of reptile in the UK, therefore we had a responsibility to survey and ascertain the number of reptiles, which considering there had been no activity since 2012 the numbers were considerable. Following surveying, applying for a licence, erecting a reptile fence, capturing and moving animals to a receptor area, this was eventually achieved to the satisfaction of all parties."



SUCCESSFUL LONG-TERM CONTRACT SAND PROCESSING IS DELIVERED BY DUO MINERAL PROCESSING FOR HANSON'S MASTERS QUARRY

Owned and operated by Hanson UK, Masters Quarry is situated on the Puddletown Road near the Dorset town of Wareham.

Having cleared the site a ramp down to the quarry floor had to be constructed. As nothing previously existed this had to be created from the ground up. Work commenced in October 2016 and a ramp was constructed from the highway level of 53m AOD, to the plant site level of 37m AOD with the first 50m paved. All the infrastructure work including the plant pad was completed by Hanson Contracting using a variety of asphalt, concrete and roller compacted concrete (a first for Hanson in this area)

A successful tender:

Having completed many successful projects with DUO, Hanson awarded the mineral processing contract to the DUO Minerals Processing Division.

The processing contract is based on a cost per ton with the plant easily capable of 300,000 tonnes/annum.

Simon commented, "Through previous contact at other sites I already had a working relationship with DUO therefore it was an easy transition to work alongside them again."

As the English and Welsh dealer for Terex Washing Systems (TWS) DUO can offer innovative wash plants and water management solutions. This demonstrates TWS commitment to providing outstanding products, customer support and expertise in the field to meet customers' individual needs.

The Sand & Gravel Processing Plant:

The material to be processed is predominantly sand with small quantities of gravel on the surface and underlying seams of clay to varying depths. Considering previous processing issues DUO based their plant design around the latest TWS technology incorporating the successful Terex® AggreSand™ 206, and as there were quantities of lignite on-site a single TAK was also included in the specification to remove this element from the fines fraction.

The TEREX® AggreSand™ 206 modular wash plant is pre-wired and pre-plumbed and is an easily installed modular concept that facilitates quick installation; a combination that is very appealing in terms of access, serviceability and modularity.

The Sand & Gravel Plant:

From the impressive TWS range, the AggreSand™ 165 is delivered pre-wired and pre-plumbed and is an easily installed modular concept that combines aggregate washing and screening with sand processing. Facilitating quick installation, it is a combination that is very appealing in terms of access, serviceability and modularity.



Steve, commented, "It's a very neat compact plant incorporating an in-line system with the sea dredged ballast being fed by loading shovel into the feed hopper. As there was still some life left in our existing sludge tank and pump we used these to feed the sand plant. It's a very simple and effective set-up that works very well."

Installed and commissioned in December 2017 the plant is currently processing material well within its capabilities and producing a sharp sand in addition to 10/20/40 and +40mm products.

The AggreSand™ 165 uses the H12 (12M3) feed system which is fed by wheel loader via a heavy duty 4m static grid which are both powered by an integral 37Kw electric hydraulic powerpack.

Material is then delivered onto the main inclined feed conveyor which is driven by an 11Kw Weg electric motor and Bonfiglioli® gearbox mounted on the drive drum. The 19m long main conveyor has a 1050mm wide belt and has an integral heavy-duty rubber lined wash box which soaks the material before it is delivered to the rinsing screen.

The AggreSand™ 165:

The innovative AggreSand™ 165 at Albion Wharf features a 4.9m x 1.5m triple-deck rinsing screen working at 18° angle which utilizes individually controlled spray bars on each deck. The 2-bearing screen is fitted with polyurethane modular media supplied by the Dudman Group. The screen decks then split the required products which is then stockpiled via conveyors. Material off the bottom deck is then fed to the sand plant to produce a sharp sand.

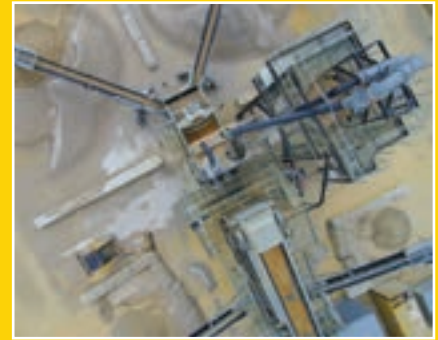
The Dudman AggreSand™ 165 is a high capacity sand plant utilising a 4.3m x 1.8m dewatering screen capable of up to 200tph. Consisting of two 30Kw 200/150 sand pumps working with a G4-660mm cyclone and a G4-500mm cyclone they produce a clean in-specification sand which is delivered by conveyor to stockpile.

Steve, concluded, "the plant has worked perfectly since installation and never missed a beat. It's a testament to DUO as we purchased our first rinse plant off them some years ago and we have just retired it after it had processed close on to 2.5 million tonnes, so ROI has been very good."



Total Solutions:

Terex Washing Solutions provide cohesive solutions for all material and mineral washing needs through their English and Welsh dealer - DUO. Focussing solely on solutions for the quarry, aggregate, mining and C&D recycling industries it is dedicated in providing reliable, high quality and very productive equipment. This is achieved through a broad product portfolio which offers modular, mobile and static wash plants with the ability to work in many applications. Meeting individual materials and mineral washing needs to achieve today's stringent specifications of clean material is at the top of the agenda.



The all electric plant at Masters includes a rinsing screen, sand plant, lignite removal plant, stockpilers and all associated pipework and electrics on one modular chassis, with a sizing screen completing the specification.

Simon commented, "It's a very neat compact plant incorporating an in-line system which TWS & DUO have had major success with in the market, where the TWS modular concept has been well received. Its ideal for the operation at Masters and we have confidence in the operation delivering our expected production rates."

Currently operating at 150tph the plant features two 'side by side' remote control tipping grids. These are both fed from one ramp by a loading shovel. A dryer courser deposit extracted from Hines Quarry and then delivered to Hyde is then fed onto one grid with the second receiving on-site material. Manual blending can then take place with the material fed up the primary conveyor.

Material is then fed onto a 20 x 6 triple deck rinsing screen, working at 18° angle this utilizes individually controlled spray bars on each deck. The 2-bearing screen is fitted with polyurethane modular media on all decks with the top deck acting as a protection deck removing any oversize (mainly clay balls) which are then fed via an on-board conveyor to stockpile. A middle deck feeds any 6-10mm gravel and smaller clay balls by on-board conveyor also to stockpile.

The split bottom deck, 2mm and 5mm provides the feed to produce the required two sands. All chute-work on the AggreSand™ 206 employ the now well tested dead-box system which results in 'rock on rock' set-up which is proving to give excellent wear properties.

The Masters AggreSand™ 206 is a high capacity 150tph sand plant with a high-energy 4.3m x 1.8m dewatering screen and consists of one 200/150 pump for coarse sand and a 200/150 pump for soft sand. A 625mm cyclone for coarse sand and one 500mm cyclone for fine sand produce two clean in-specification sands. A specially designed rubber-lined underflow box allows blending to take place so that an acceptable coarse and fine sand ratio can be achieved. These sands are then delivered to separate radial conveyors and stockpiled.

Lignite plant:

The plant at Masters incorporates a TAK Lignite Hydro Classifier which has been supplied through DUO's Spanish partner AMP. This is a specialised sand classification tool which classifies the sand according to the weight of the particles. With the lignite being a third of the weight of sand it singles out the lighter grains of lignite and floats them out over the top leaving the sand grains behind. Essentially, it's a unit that is designed for classification of glass sands which have very tight tolerances, therefore by moving the set point in the classifier vessel either up, or down you can adjust to a very refined measure of how much bottom end you have in the sand.

At Masters the sand is screened through the main washing screen of the AggreSand™ 206 and then fed to the main sand sump and then up into the TAK via the hydro cyclone. This then concentrates the flow ensuring a flow of about 65% solids is established (which means that within that vessel, the upstream current - to classify the sands and float off the lighter particles).

At the front-end the sand screen feeds the sand through into a sump which pumps it up into the hydro cyclone which is mounted above the TAK. The hydro cyclone then removes the ultra-fine particles, taking them from the top and then feeds a concentration of sand into the TAK. When the sand settles in the TAK a clean water upstream current is introduced from the bottom and then by moving the set point, up or down you can then control precisely what the grading is at the bottom end of the sand and how much you float off.

Cutting Edge Control System:

The control system for this specific AggreSand™ wash plant is stored in a centralized cabin on the site which is one of the options offered by DUO through TWS on all AggreSand™ installations, alternatively the panel can be mounted onto the machine, all of which are pre-wired. This option exemplifies the flexibility of TWS and DUO and the AggreSand™ concept to suit individual customer needs or preferences.

John Bracken – DUO Sales Director, summarised, "DUO and Hanson have a very good working relationship on numerous projects. A lot of thought has gone into this plant and it has been designed in such a way that a logwasher can be incorporated when more gravel bound material is excavated in the future. Additionally, should the market demand it a second TAK can also be added to the plant."



STAND H7

The countdown is on to
HILLHEAD 2018...

JUNE 2018

26-28th
Hillhead 2018



VISIT US AT
BOOTH H6

POWER. PRECISION. PERFORMANCE.



- Modular, Portable and Static crushing & screening solutions.
- Full parts, service and maintenance with support you can count on, wherever you are.
- Maximizing productivity and control operating costs across the working life of every piece of equipment.
- Solutions to help keep your operations running smoothly, through a dedicated global support network backed by decades of proven experience and expertise.

Email: mpssales@terex.com



TEREX MPS



www.terexmps.com

END TO END SOLUTIONS

blademaster

blademaster
THE CUTTING EDGE



Delivering outstanding results in the
most extreme operating conditions

- Dozer, loader, Grader edges
- Grader Overlays
- Dozer hot Cupped end bits
- Heel plates
- Segments
- Half arrows
- Wear strips
- Replacement kits
- Recycling wear parts

CON MECH
ENGINEERS

CON MECH ENGINEERS



T: +44 (0)1207 230621

F: +44 (0)1207 290100

E: sales@conmecheng.com

www.conmecheng.com



STAND X16

Made in the United Kingdom

CASE dealer M&M Plant opens its £1M new head office and depot



CASE Construction Equipment dealer M&M Plant has expanded its operations with the opening of a new purpose-built £1 million head office and depot development in Launceston, Devon.

The investment follows the dealership's territory expansion last year which now sees it cover from Yeovil to Bridgwater in Somerset. The new site, which is located on Trethorne Business Park in Launceston, covers 4,000m² in total and includes new offices and showroom, stores and parts reception, plus a 550 m² workshop with five bays. The site also provides the option for future expansion.

M&M Plant director Mark Gregory said: "This is an exciting time for our business and the investment in this new site is all

about having the right tools in place to further grow the business. The new showroom will enable us to expand our machines sales offering, and with a significantly increased workshop capability and a dedicated service/parts store we are confident we will meet all of our customers' requirements and ensure we deliver the highest levels of aftersales efficiency. We are also looking to expand the workforce by recruiting an additional engineer."

The dealership which already offers a wide range of CASE excavators including the D Series excavators and the new C Series mini excavators, plans to further expand their CASE offering with the new, award-winning G Series wheel loaders and newly updated dozer range.

4 YEARS NO WORRIES



**NOW
WITH
PROTECTION
PLAN
INCLUDED**

- 1 + 3 years warranty
- 6,000 hours
- Powertrain and Hydraulics coverage



For further details, please contact your local CASE dealer. Terms and conditions apply. Business users only. Offer valid on machines invoiced between 1st March 2018 and delivered by 31st December 2018. Offer is not contractual and is subject to return conditions, changes in price, supply terms and UK law.

www.casece.com
EXPERTS FOR THE REAL WORLD
SINCE 1842

CASE
CONSTRUCTION

26-28 JUNE 2018 JOIN US AT THE
HILLHEAD SHOW
STAND NO. E6

GIANTS OF BELTING



**EXPLORE YOUR
ENGINEERING
TOOLKIT**

smileymonroe.com/toolkit

Blademaster breaking new ground



STAND X16

Con Mech Engineers certified to ISO 9001 (2015) are the UK's leading manufacturer of Ground Engaging and recycling wear parts.

At this year's Hillhead show, we will be launching our new range of BLADEMASTER Wear Part Replacement Kits. Each kit includes all the edges, blades, base plates and fixings needed to refurbish many of the most popular buckets in the UK market. The new range offers operators a one stop replacement & refurbishment solution for Bell, CAT & Volvo Loaders and CAT & Komatsu Dozers.

The BLADEMASTER range includes dozer, loader and grader edges, as well as dozer end, grader end and overlay end parts, spade edges, side cutters, heel plates, segments, half arrows, hot-cupped end bits and scraper edges.

The Con Mech stand will also display a wide range of BLADEMASTER products including our exciting new range of BLADEMASTER recycling wear parts, and will feature fixed and swing hammers, general liners and impact plates, knives and pulverizer jaws, plus many more.

Our Ground Engaging Tools and recycling wear parts are manufactured exclusively here in the UK for both new build and replacement applications. We supply many of the world's leading construction & mining equipment manufacturers and have a well-established reputation for quality and reliability.

Recently completed independent field trials of Blademaster Ground Engaging Tools have demonstrated wear life 2 1/2 times longer than a leading brand of GET products. The

Part	Values	Hours	Cost per Hour
4T-8317	Blademaster	368.0	\$2.24
4T-8317	Leading Brand	144.7	\$9.45
4T-8317	Chinese product	342.0	\$3.97

excellent results for BLADEMASTER grader edges were trialled on a 16H Caterpillar Grader machine operating in very harsh conditions in a mine unit in Cananea, Sonora, Mexico.

BLADEMASTER grader edges were fitted to a 16H Caterpillar Grader machine. The blades operated for 368 machine hours without replacement (see table below for detailed analysis). This is 2 1/2 times longer than the wear life of the leading brand grader edges normally used at the mine resulting in a cost per hour reduction of over 75%. BLADEMASTER ground engaging tools also offered substantial cost savings against cheaper Chinese products which were also tested under trial conditions at the mine.

Con Mech Engineers do not stop at offering a great product. We offer a great service as well, with prompt delivery times from the manufacturer and excellent customer service.



TDL Equipment now represent four very exciting brands throughout the UK



Left to right: Andrew Taylor, GM with John Black, Sales Director of TDL Equipment

Based in Tankersley, near Sheffield TDL Equipment cover the whole of the UK for their long-standing partners Atlas, SANY, Terex Trucks and Genie. With a second site in Scotland they employ a total of 60 people and operate sales, service, parts

and maintenance across all four brands. With 15 of their own mobile engineers spread evenly throughout the UK they can provide extremely high levels of service and maintenance and quick response times for their clients.

We talked further with Andrew Taylor, General Manager and John Black, Sales Director of TDL Equipment. Andrew began by telling us a little about the business "Our ethos at TDL is based on providing first class support for our customers anywhere in the UK mainland. Our service team offers a wealth of experience in helping our clients machines to stay up and running, from rapid parts delivery to routine maintenance or general repairs, we are genuinely only a quick phone call away. Our team of mobile engineers are trained to the highest factory standards to make sure any issues are resolved quickly. Our aim is to keep your running costs to a minimum and maximise production to get the maximum return the investment you have made."

Just arrived into stock, a new SANY SY215C excavator



STAND A7





Atlas 350 Material Handler



Genie telehandler

Andrew explained which brands they represent "We took the decision back in 2007 to really concentrate on service and support as the lead focus for the business. All the brands now benefit from this approach and we have grown very successfully over the last 11 years. Terex Trucks are an extremely high quality off-highway rigid and articulated dump truck made to exact standards in the UK and have proven to be the favourite of many operators. Atlas are a German manufacturer of very high quality wheeled excavators; material handlers and wheeled loaders and we have a solid base of clients throughout the UK. We are looking to expand the already popular Atlas range into the Waste recycling industry as it's a perfect fit for their products. With the Genie brand we supply the full range of telehandlers, both compact and high-reach models which have the reach and performance capabilities to help our clients increase productivity on construction sites. The latest addition to our portfolio was decided 3yrs ago after visiting the SANY manufacturing HQ in China for our final discussions with their management team. We were blown away by the quality of their manufacturing and the ethos of the business and it was an easy decision for us to take to represent SANY in the UK. SANY are a leading Chinese manufacturer of excavators and many other models, and their machines are second to none in terms of build quality - we are growing the brand here in the UK."

Andrew went on to tell us more about safety and how important it is to TDL "We place the highest priority on Health and Safety and have made a considerable investment in this area in recent years. Full risk assessments are undertaken prior to starting any work and engineers will work to site rules and discuss the safest way to undertake work."

John talked more about the SANY brand and its importance "SANY are a key player in China and are making real progress into the UK market - our clients are really impressed with the quality of the machines. In China they outsell all the leading brands and have 9 manufacturing plants across China with two totally dedicated to excavator production. We have been lucky enough to visit two of the manufacturing facilities and we were extremely impressed with the working processes. The manufacturing



Cummins power unit on the SANY SY215C excavator

plants utilise automated robot assembly and welding for a high quality consistent finish and all fabrications, chassis and components are safely transported beneath the factory floor and between the buildings to make the working environment safer and more productive, then lifted on hydraulics to the required production point. This negates the need for any folk lifts outside and on the production floor. Gardens, trees, fountains and relaxation are also creating a feeling of staff wellbeing throughout."

John further explained "The factory manager explained to us when we visited that humans make mistakes, robots don't. Because they manufacture so many units (around 100,000 already in the market in China alone) their whole ethos is to produce machines that are the highest quality they can be so that no recalls or upgrades must be carried out. All other component parts are from known suppliers meaning that global parts and service backup is available too."

Andrew added "With SANY the biggest obstacle for us has been changing customer perceptions, but once they physically inspect and use the machine for themselves they are changed completely, and we are always happy to let new clients try machines before they commit. SANY have also invested heavily in a €70m European facility at Bedburg near Dusseldorf in Germany and this will assist in driving sales and customer service across Europe and the UK."

To learn more about TDL Equipment and their range of products please visit www.tdlequipment.com





STRENGTHEN YOUR PROCESS



When handling abrasive materials, the use of abrasion resistant rotary and diverter valves *reduces the downtime* for replacement or re-adjustment of worn parts, the *refurbishment costs* and thus the *cost of ownership*. Also the valves have a more *predictable and reliable performance*, making preventative maintenance schedules easier to establish.

DMN-WESTINGHOUSE abrasion resistant ceramic coated or Ni-hard rotary valves and the specially designed, rugged BTD ball diverter can help you *strengthen your process*.



AL with optional ventbox and dropoutbox



BTD Ball Type Diverter

PLEASE VISIT US
AT STAND PC35



DMN UK Ltd.
T +44 1249 818 400 | dmn@dmnuk.com

www.dmnwestinghouse.uk

COMPONENTS
FOR BULK
SOLIDS HANDLING

High quality, dependable, versatile & great value for money

12m, 15m, 18m & 24m standard lengths
600mm, 750mm, 900mm & 1050mm standard widths

Wheeled and Static Conveyors



 **QK-CONVEYORS**

Quarry King Ltd. 12 Melmount Gardens, Strabane, Co. Tyrone BT82 9EB
T: 078 098 64869 E: info@qkconveyors.com

The Twin Disc HP500 wet clutch; when heavy duty crushing calls for heavy duty power

Going bigger for Hillhead 2018, MIT will be exhibiting with an exciting new stand design, elevating their presence seen over their previous 20 years of attendance at the largest event for anyone in the quarrying, minerals, recycling and heavy construction industry. With an impressive rebrand and an extensive product portfolio, MIT are the driveline suppliers of choice - powering the machinery that drives businesses forward.

On stand C33, MIT will be driving the market forward, displaying the latest in innovative driveline technology, which is set to include the new HP500 Wet Clutch from Twin Disc and the ground-breaking, forward thinking, HTV700 Electric/Hybrid Driveline System designed and manufactured by Transfluid Italy.

Serious in its power delivery, the new HP500 wet clutch from Twin Disc, is a heavy-duty, hydraulically actuated PTO, with an impressive power rating of 500 HP at 1,800 RPM, and is perfectly suited to driving pumps, grinders, crushers, dredgers, chippers, shredders and heavy-duty drilling. Launched in early 2018, this new heavyweight joins the already reliable portfolio of robust PTO's offered from the engineering excellence that is Twin Disc.

With Hybrid technology being big news within the industry right now, operators looking for a greener future will find the answer in the Transfluid HTV700 Electric/Hybrid driveline solution. With up to 1200HP diesel and 200HP electric power allows the user to operate in 3 modes: Electric Propulsion, Engine Propulsion and Booster. In electric mode users can drive at zero emissions, in silence with minimal vibration, whilst switching to engine mode allows the electric machine to act as a generator recharging battery, and booster mode which will deliver operators extra torque by using the electric motor to increase acceleration. Not only does this ground-breaking technology reduce operating costs, but it future proofs a business from ever tightening emissions regulations.

The experts in the design, supply, installation, service and repair of industrial drivelines, MIT have a vast portfolio of driveline components for heavy duty industrial machinery;

including, Fluid Couplings, PTO's and Clutches, Pump Drives, Couplings, Electric and Hybrid Drive Systems, Power Shift Transmissions, Torque Converters, Anti Vibration Mounting, Air Compressors, Flexible Couplings, Composite Bearings, Electronic Control Systems and Oil Conditioning Filtration.

As approved UK distributors for world-class manufacturers, such as: Transfluid, Twin Disc, Rubber Design and Quincy Compressors, MIT offer a comprehensive portfolio of both new and reconditioned units, along with genuine OEM spare parts.

More than just component parts, MIT have both a highly qualified and specialised team of engineers and dedicated regional customer account managers, who offer expert bespoke guidance on application parts, new installations and retrofit projects, working with their customers to identify the individual needs of their machinery.

Working with customers operating in the Quarry and Mining, Crushing and Screening, Construction, OPG, Material Handling, Manufacturing, Bulk Material Handling, Power Generation, Recycling and Agriculture and Forestry sectors, MIT are the industry leaders in full life-cycle support, providing exceptional emergency breakdown and routine maintenance support, which they can deliver directly on site, or from their Southern or Northern service centres.

MIT will also be displaying the latest pump drive technology from Technodrive, anti-vibration solutions from Rubber Design and compressed air units from Quincy Compressors.

Visit MIT on stand C33 AT Hillhead 2018, 26-28th June, Hillhead Quarry, Buxton, UK to discuss all your driveline needs.



POWERSCREEN® CHIEFTAIN 2200



“The versatility of the machine is fantastic. It has doubled the processing of our gravel rich overburden waste material.”



POWERSCREEN PULSE INTELLIGENCE

CAN REVOLUTIONISE YOUR OPERATION*

2 MODES OF OPERATION



EASY SWITCH BETWEEN
2 & 4 BEARING
EXCELLENT VERSATILITY

2 SCREENBOXES



FORCES MATERIAL TO **TUMBLE**
GIVING INCREDIBLE SCREENING RESULTS

SCREEN **UP TO 700**
TONNES OF SAND
PER HOUR

IT WOULD TAKE THE CHIEFTAIN
2200 75 HOURS TO SCREEN THE
AMOUNT OF SAND NEEDED TO BUILD
THE EMPIRE STATE BUILDING

UP TO **17Hrs**
RUNNING
TIME
ON A FULL TANK



UP TO **37°** **HIGH**
SCREENING
ANGLE
OPTIMAL FOR SCREENING SAND

Powerscreen will host live working demonstrations of the Premiertrak 600 and the Trakpactor 550SR at Hillhead 2018. See the Chieftain 2200 and visit the team at Stand L4. For more information visit:

www.powerscreen.com



Contact us or your local Powerscreen distributor to learn more about our extensive range of crushing and screening equipment.
Tel: +44 28 8771 8500 Email: sales@powerscreen.com

© 2018 Terex Materials Processing. Powerscreen is a trademark of Terex Corporation or its subsidiaries. Powerscreen Pulse Intelligence is a trademark of Powerscreen Systems.



SWM Waste Recycling smart choice



STAND J3



Barnstaple based waste recycling company SWM & Waste Recycling Limited make a carefully considered choice and move to Sennebogen with a new 830E scrap handler and 821E material handler.

Established in 1959, SWM has been a long standing and trusted part of the South West recycling community, and have built their reputation by exceeding customer expectations and delivering high levels of service. Today the business offers a full range of Waste Recycling services including Total Waste Management, Skip Hire, Wheeled Bins, Skip Bags, Vehicle Dismantling, Metal Recycling and Hazardous Waste management, with a Zero waste to Landfill target, and a culture that puts Health & Safety at the forefront of everything they do.

Now with Ray Penfold & Shawn Akers, the second generation in the family to own the company and Martin Mogford as MD to run the business at the helm, the business still holds the family values on which it was originally based.

Shawn said "we have a tight knit team of long standing employees that we know and trust. They have all played a big part in our successes over the years." It is clear from this approach why Shawn has made sure his staff had such a large input into this recent purchase decision. "It is important to us that the guys operating the machines are happy with them. Their input was key to the decision to move away from our previous supplier that we had been buying from for many years."

Steve Palfreyman, SWM Maintenance manager went on to discuss the rigorous process that was undertaken to compare the comparable machines available in the market when purchasing their latest scrap handler: "Of course the price is a factor, but it is only part of the decision-making process we went through. We spent a lot of time evaluating the safety features and the true-life cost of each machine, considering

purchase price, fuel consumption, servicing costs and anticipated residual values."

"We compared the machines on paper, before getting the best options for a hands-on trial to put them through their paces, it was then that the Sennebogen really stood apart from the competition". Steve went on to talk about the differences they identified between the Sennebogen 830E and the competitors equivalent: "we found we got about 1m additional reach with the Sennebogen, and we also preferred the uninterrupted operators view thanks to joystick steering option (no steering wheel column blocking line of sight), as well as the build quality and reliability of the Robotec 0.8m capacity orange peel grab attachment that came with the Sennebogen."

Both Shawn and Steve were very keen to point out that as part of their purchasing process, it wasn't all about the machine; they also looked closely at the business we would be buying from and looked for a company which had similar outlook and principals, it was obvious from the first few conversations that this was the case. Steve said: "confidence in the aftersales backup is critical for us. We run multiple busy sites and a machine down can soon cause big headaches. Although we have not had to call on Molson yet, the proximity of Molson's Bristol depot and the scale of their operation give us confidence that they can get us going when called upon."

WHATEVER THE MATERIAL WHATEVER THE REQUIREMENT...



Finlay Group offer a range of mobile crushers and screens to suit many applications and requirements. So, whether granite or compost, primary or secondary, small or large, inclined or horizontal, 3 or 4 way, Jaw, Impactor or Cone, Finlay Group is sure to have a solution. If you would like more information on the Terex Finlay product range then please call Finlay Group on 01785 282323 or email us on enquiries@finlay-group.co.uk

TO FIND OUT MORE CALL OR EMAIL

01785 282323

enquiries@finlay-group.co.uk

Finlay
GROUP

TDL

Equipment

**DIG,
DUMP,
MOVE,
LIFT.**



TDL Hotline: 08444 99 44 99 | www.tdlequipment.com

Wentworth Way, Wentworth Industrial Park, Tankersley, South Yorkshire, S75 3DH
Unit 6 M8 Interlink Estate, Kirkshaws Road, Coatbridge, North Lanarkshire, ML5 4RP

TRACKING THE FUTURE... ...OF MIXING TECHNOLOGY



TRAKMIX TRACK MOUNTED CONTINUOUS MIXING PLANT

Fully mobile and self-contained, Rapid's latest innovation, offers flexibility for a wide range of site types and applications. Featuring a patent pending weighing system, Trakmix offers total accuracy and reliability. With outputs of up to 250 tonnes per hour and including a unique mixing arm design, Trakmix delivers a **homogenous mix in less time.**



STAND #C19



HarpScreen are the largest manufacturer of screening media in the UK

HARPSCREEN INTERNATIONAL WAS ESTABLISHED IN 1997 AND QUICKLY BECAME THE UK'S LARGEST WOVEN WIRE SCREENING MANUFACTURER.

HarpScreen manufacture products to suit all makes and models of screening, crushing and recycling equipment. These include:

- Woven wire screens
- Self-cleaning wire screens
- Piano wire screens
- Conveyor rollers
- Finger grids
- Perforated metal screens

HarpScreen supply the major OEMs (original equipment manufacturers) throughout the UK including Terex Powerscreen, Terex Finlay, Sandvik, McCloskey International, Maximus, Edge, etc.

HarpScreen has continued to build on the reputation as the leading specialist in the manufacture of screening and crushing media, for both portable and stationary plants; providing the widest range of screening and crushing products – all underpinned by unmatched customer service and prompt reliable delivery.

Our internal quality systems are designed to ensure that all orders are handled quickly and are manufactured to the ultimate quality standards. Several checking processes are in place prior to orders being released from the factory, as well as a detailed final inspection while the screen is under tension.



HarpScreen are an ISO 9001:2008 compliant company, which means there are procedures in place that provide you with peace of mind.

In addition to these

standards, only the highest quality materials available are used during the manufacture of our products. All raw materials are inspected fully prior to being used in manufacture. We are also the UK's leading manufacturer of piano wire screens, and are renowned for our speed of manufacture and delivery.

To learn more about our products and services please contact us at the details below: -

Email – SalesUK@harpScreen.com

Phone – 0845 2020 300

Website – www.harpScreen.com



STAND G4

HARPSCREEN

SCREENING & RECYCLING CONSUMABLES

Do you need screen mesh?

Are you tired of being asked for mesh measurement details?

Do you want it tomorrow?

All we need is:

- The brand of your machine
- The deck (top, middle or bottom)
- The aperture of the screen

We will do the rest!

Call us today on:

0845 2020 300

sales@harpScreen.com

harpScreen.com

HarpScreen are the UK's largest manufacturer of screening media.

With almost 25 years of manufacturing experience, we know what we are doing!



Hillhead 2018

26 – 28 June 2018,
Hillhead Quarry, Buxton

Please visit us on Stand G4



FINGER SYSTEMS



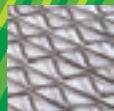
HIGH TENSILE
QUARRY SCREENS



PIANO WIRE
SCREENS



CONVEYOR
ROLLERS & IDLERS



SELF-CLEANING
FLEXI SCREENS



New Doosan Products in Anniversary Year at Hillhead 2018

Doosan Infracore Construction Equipment will be showing the company's latest generation of excavators, wheel loaders and articulated dump trucks (ADTs) for the quarrying, mining and construction markets on the company's stand number Z4 and in the demonstration areas at the Hillhead 2018 Exhibition at Hillhead Quarry in Buxton, Derbyshire in the UK from 26-28 June 2018.

Hillhead is the platform for the UK launch of several new products being shown at the exhibition for the first time, including a new version of the company's successful DA30 30 tonne ADT and new features in the large Doosan wheel loaders.

Hillhead will also celebrate Doosan's achievements since 1978, when the first machines in the company's construction equipment range were introduced, growing successfully over the next 40 years to position itself today as a top global player and to produce more than 400,000 units for markets worldwide in the same period. To mark this, the Doosan machines at Hillhead will bear Anniversary stickers that the company is putting on all machines for sale in 2018.

The changes in the new DA30 ADT model are signified by a new colour scheme for the machine that also aligns it with other products in the Doosan Heavy range. Most of the changes are aimed at enhancing operator comfort and the controllability of the machine, but there are also changes in the driveline and electrical systems.

New Hydro-Gas Self-Levelling Suspension

The most important development is in the suspension of the DA30 which is being upgraded to a hydro-gas self-levelling system to provide outstanding performance and superior shock absorption for better driving comfort, especially when the truck is being driven when it is empty. To complement this, the operator will now benefit from a Grammer Actimo XXL seat in the cab as standard with its own independent low-frequency pneumatic and wide scissors-type suspension.

The Grammer seat is not the only change in the new state-of-art operator's cab on the DA30 which has been redesigned to provide better ergonomics and more operator comfort. The dashboard has a completely new layout and soft-touch material composition that is easier to clean and features a new display as well as a high-quality finish and appearance.



STAND Z4





The cab also offers new safety and performance functions with a more comfortable control panel with a power cut off switch and an LED indication lamp which indicates when it is safe to switch off the power cut off. Other features include a new easy-to-use lever for retarder steering, a new more precise brake system for increased sensitivity and performance, an extra hand grip on the right-hand side, a USB charger and a 12V/24V power socket, together with more convenient compartment storage and electrically adjustable mirrors as standard.

On the outside of the cab, a new all-round hand grip rail has been installed for improved safety for moving round the outside of machine for cleaning and other tasks. Doosan has also introduced a new position and solution for the power cut off switch.

According to Doosan, in the new version of the DA30, there will be lower running costs involved as there are a reduced number of service points with fewer different oil types in the driveline and increased intervals for transmission oil change. In addition, the new cab tilting system enables the service technician to lift and close the cab in just a few minutes.

With these new features incorporated, the DA30 establishes a unique benchmark in load carrying performance, fuel efficiency, enhanced controllability and high operator comfort, together with improved reliability, durability and reduced maintenance and servicing costs.

New Features on Large Doosan Wheel Loaders

Doosan has announced a wide range of new safety and ergonomic features on all six large Doosan wheel loaders including the DL300-5, DL350-5, DL420-5, DL450-5, DL550-5 and DL580-5 models.

A number of the new features are aimed at increased safety and visibility in and around the operator's cab. For example, a new handrail has been installed around the cab roof with three holding points, allowing operators to move very safely all around the cab to clean windows and to perform other tasks.

Inside the cab, there is a new ergonomic joystick control with a progressive thumb wheel added for the auxiliary hydraulic line (3rd valve). The progressive thumb wheel ensures that no additional lever is needed, providing the easiest combination of movements to manage the 3rd valve operations. FNR control has been relocated on the back of the joystick, via a three-position rocker switch, which is much more convenient and intuitive to use.

To make life more comfortable and easier for operators, Doosan has added a rolling sunshield on the rear window to avoid any disturbance from sunlight during operations. The cup holder has also been relocated to the front right of the cab and a new double hanger hook allows both a helmet and a jacket to be hung inside the cab.



The operator has the benefit of additional convex mirrors installed on the lateral mirror frames. The wider angle and additional visibility provided by the convex mirrors along the side of the machine ensure safer manoeuvring of the wheel loader on site and in the quarry. Along with the new features in the large wheel loaders, Doosan has implemented a restyling for all the models in the company's wheel loader range. The new styling scheme involves a change of colour (from orange to dark grey) for the front lift arm, front frame and front and rear axle components on the machines. The more dynamic curved lines of the new styling are designed to reinforce the robustness and power of the Doosan wheel loader range.

For more information about Doosan construction equipment, visit www.doosanequipment.eu





Powerscreen to unveil forward-thinking upgrades at Hillhead 2018

Powerscreen has been powering the industry since 1966 and is one of the world's leading providers of mobile crushing and screening equipment. The company will unveil forward-thinking machine modifications at Stand L4 at Hillhead 2018, where Powerscreen team and distributors will be available between June 26th and 28th. Exciting new offerings will be available on the Powerscreen® Premiertrak 600 and Powerscreen® Metrotak jaw crushers, while the Powerscreen® Trakpactor 550SR impactor will be seen working for the very first time. The seriously impressive Powerscreen® Chieftain 2200 3 deck plant will be the flagship screening development at the show and features an incredibly powerful double screenbox with huge screening area.

Commenting on the forthcoming line-up, Dearbhaile Mulholland, Powerscreen Global Marketing Manager, said, "Powerscreen has developed and maintained an aggressive position in mobile crushing and screening. The industry has always looked to Powerscreen to present the future of crushing and screening. This year's Hillhead show comes at the perfect time for us to showcase our latest developments and to continue leading the way. Located in our usual position by the quarry face, Powerscreen experts look forward to meeting visitors to present the benefits of choosing our machines and adopting our technological innovations today."

Premiertrak 600 - XL Feeder, Maximum Strength

The Premiertrak 600 at Hillhead will be a pre-screen model featuring a never been seen before XL feeder designed for maximum strength, particularly for large quarrying applications where hard rock may be present and where large tonnages required.

The diesel-hydraulic and diesel-electric variants of the Premiertrak 600 jaw crusher have been designed and

constructed to deliver maximum production and performance with increased uptime and low running costs. The high capacity jaw is fed by a vibrating grizzly feeder with variable speed control and a large grizzly area to maximise removal of fine material to extend the wear life of jaw plates within the crusher chamber. The bypass chute is also fitted with wear-resistant liners as standard, and incorporates an adjustable five-position deflector plate to divert material to either the product or side conveyors.

The machine control system incorporates a state of the art, modern interface with intuitive graphics and high resolution display for ease of operation. This is further enhanced with the automatic start/stop functionality, excellent diagnostic capability and straightforward machine adjustments. The speed of jaw crusher on the Premiertrak 600 can be varied to suit the application and therefore optimize performance. In addition to this, the hydraulic system has been designed and configured to increase uptime and fuel efficiency.

The Premiertrak 600E electric variant is equipped with an over-size genset sufficient to run another plant (it successfully powers the large Powerscreen® Warrior™ 1400XE heavy duty scalping screen) and additionally can be powered from a mains source which substantially decreases the running costs and environmental impact.

With convenience and safety in mind, the Premiertrak 600 can be fully set up from ground level thanks to its hydraulic folding and locking hopper system. It can be adjusted to maximise productivity in any application and can be configured with an independent live pre-screen for the efficient removal of scalped materials either into a waste or a sized sub-base product.

Trakpactor 550SR - #GoBigDoMore

The new Trakpactor 550SR horizontal shaft impactor is designed for processing primary and secondary materials such as natural rock & construction derived materials like asphalt, recycling and demolition waste. The Trakpactor 550SR is





proven to deliver excellent tonnage of high specification material with a low cost per tonne. It features cutting edge styling with GRP guards and also comes with the Powerscreen Pulse Intelligence system as standard giving the power to revolutionise.

The machine's robust impact chamber (54" x 36") features a twin apron, 4 bar rotor design, with hydraulic release aprons, hydraulic setting adjustment, hydraulic crusher overload and is driven directly off the engine via clutch for optimum fuel economy. The product conveyor features a raise/lower facility to aid clearance of rebar in the event of a blockage.

The plant has been designed with ease of maintenance in mind. Hydraulic banks, battery access and control valves are at eye level to make setup and operation much easier. The post-screen and recirculation section is fully detachable using quick release hydraulics and electrics.

Metrotrak - #ALegendReborn

In late 2017 the Powerscreen Metrotrak was reborn. Building on the global success of its predecessor, it featured important usability and serviceability upgrades. This compact jaw crusher is ideally suited for operators in the mining, quarrying and recycling industries, especially those working in tight locations where working space as well as transport space is restricted thanks to its small footprint.

The new Metrotrak has been redesigned the operator in mind with ease of use, serviceability, maintenance and material flow to the fore. The variable speed VGF is now fitted with bolt-in stepped grizzly cassettes and rotating mesh deck which helps with quick application changes and maintenance. The 3 way bypass conveyor is larger than its predecessor and has inspection holes and wear liners at discharge points as standard to help with material flow. The bypass conveyor is also easy to set up, inspect and maintain and can be reversed on site if required in certain applications.

The product belt conveyor has also been upgraded. Relocated belt tensioning bolts help keep the belt tracked, clearance under the chamber has increased and operators can now fully lower the conveyor to ground level for maintenance and service tasks while revised skirting helps eliminate snagging points improving material flow.

One of the most exciting features of the Metrotrak is the chamber unblock feature which, with the aid of a motor attached to the flywheel on the chamber, will 'rock' the chamber back and forth until the blockage is cleared. This gives the Metrotrak the key advantage of a hydrostatic setup whilst retaining the fuel efficiency of direct drive.

This Metrotrak is also fitted with Powerscreen Pulse which provides the owner and operator with valuable information about machine performance.

Chieftain 2200 3 Deck - "A big step up from competitors"

Launched in 2016 the Chieftain 2200 3 deck has set a new standard in high intensity screening and has exceeded expectations with customers globally. Its two highly versatile, 22' x 5' three deck screenboxes provide a total screening area of 19.5m². This gives a high tonnage capacity, often exceeding 700 tph/770 US tph, resulting in increased quality product and revenue.

The machine also features a revolutionary patent pending drive system which allows switching between 2 and 4 bearing with bolt-on parts. With a 4 bearing box, the efficiency of the screen can drop as the box length increases. The box also can become susceptible to torsion, which twists the metal and can cause fatigue. By splitting up into two individual boxes, the Chieftain 2200 3 deck is able to run aggressively without the constraints of a larger box. It can screen with a 20% increase in G-force compared to other screens with the same surface area. The tumbling action between the screens helps to maximize efficiency of the screens and accuracy of the product, especially at the close size materials. The maximum variability of the machine offers improved capabilities over its class rivals, especially when trying to make high specification aggregate.

For more information on Powerscreen® crushing and screening products or Customer Support please contact your local distributor. Details can be found at the informative new website www.powerscreen.com.



STAND Z4



SEE US AT



STAND - A7 & A8

See the new Sany
SY26 & SY50 models

SANY

QUALITY CHANGES THE WORLD



CHANGING PERCEPTIONS

When you do a tough job, you need tough kit.

SANY are the number 1 in China, featuring Isuzu engines and Kawasaki hydraulics – known components you can trust. Now they're in the UK and already becoming known as the best excavators you can buy.

TDL

Equipment

Is your current excavator cutting it?

Get in touch with TDL today to find out more about the fantastic range from SANY.

UK Hotline: 08444 99 44 99

www.tdlequipment.com | www.sanyeurope.com



MCT exhibit their prowess in concrete batching plants at Hillhead 2018

Going bigger for Hillhead 2018, MIT will be exhibiting with an exciting new stand design, elevating their presence seen over their previous 20 years of attendance at the largest event for anyone in the quarrying, minerals, recycling and heavy construction industry. With an impressive rebrand and an extensive product portfolio, MIT are the driveline suppliers of choice - powering the machinery that drives businesses forward.

On stand C33, MIT will be driving the market forward, displaying the latest in innovative driveline technology, which is set to include the new HP500 Wet Clutch from Twin Disc and the ground-breaking, forward thinking, HTV700 Electric/Hybrid Driveline System designed and manufactured by Transfluid Italy.

Serious in its power delivery, the new HP500 wet clutch from Twin Disc, is a heavy-duty, hydraulically actuated PTO, with an impressive power rating of 500 HP at 1,800 RPM, and is perfectly suited to driving pumps, grinders, crushers, dredgers, chippers, shredders and heavy-duty drilling. Launched in early 2018, this new heavyweight joins the already reliable portfolio of robust PTO's offered from the engineering excellence that is Twin Disc.

With Hybrid technology being big news within the industry right now, operators looking for a greener future will find the answer in the Transfluid HT700 Electric/Hybrid driveline solution. With up to 1200HP diesel and 200HP electric power allows the user to operate in 3 modes: Electric Propulsion, Engine Propulsion and Booster. In electric mode users can drive at zero emissions, in silence with minimal vibration, whilst switching to engine mode allows the electric machine to act as a generator recharging battery, and booster mode which will deliver operators extra torque by using the electric motor to increase acceleration. Not only does this ground-breaking technology reduce operating costs, but it future proofs a business from ever tightening emissions regulations.

The experts in the design, supply, installation, service and repair of industrial drivelines, MIT have a vast portfolio of driveline components for heavy duty industrial machinery; including, Fluid Couplings, PTO's and Clutches, Pump Drives, Couplings, Electric and Hybrid Drive Systems, Power Shift Transmissions, Torque Converters, Anti Vibration Mounting, Air Compressors, Flexible Couplings, Composite Bearings, Electronic Control Systems and Oil Conditioning Filtration.

As approved UK distributors for world-class manufacturers, such as: Transfluid, Twin Disc, Rubber Design and Quincy Compressors, MIT offer a comprehensive portfolio of both new and reconditioned units, along with genuine OEM spare parts.

More than just component parts, MIT have both a highly qualified and specialised team of engineers and dedicated regional customer account managers, who offer expert bespoke guidance on application parts, new installations and retrofit projects, working with their customers to identify the individual needs of their machinery.

Working with customers operating in the Quarry and Mining, Crushing and Screening, Construction, OPG, Material Handling, Manufacturing, Bulk Material Handling, Power Generation, Recycling and Agriculture and Forestry sectors, MIT are the industry leaders in full life-cycle support, providing exceptional emergency breakdown and routine maintenance support, which they can deliver directly on site, or from their Southern or Northern service centres.

MIT will also be displaying the latest pump drive technology from Technodrive, anti-vibration solutions from Rubber Design and compressed air units from Quincy Compressors.

Visit MIT on stand C33 AT Hillhead 2018, 26-28th June, Hillhead Quarry, Buxton, UK to discuss all your driveline needs.

60% better noise protection enables crushing closer to city centers

That's how we make the big difference, the Metso Way.

Obtaining an environmental permit can be a challenge when processing rock in densely populated areas. To help you access these locations, we developed the Lokotrack® Urban™ crushing plant. The new solution provides up to 60% reduction in 85dB(A) noise protection distances and significantly lower dust emissions, enabling crushing operations where needed.

Find out more about profitable rock processing at www.metso.com/urban

#TheMetsoWay



Visit us on stand

M1



Garriock Bros. Ltd

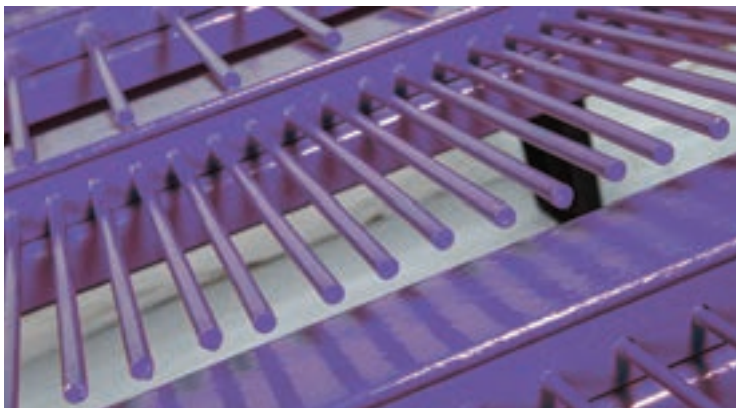
11B Newbridge Industrial Estate
Newbridge, Edinburgh, EH28 8PJ
T: 0131 333 2009
F: 0131 333 1979

Siskin Drive
Middlemarch Business Park, Coventry, CV3 4FJ
T: 0247 651 1111
F: 0247 630 2746

3 decades of supply to the industry



STAND PB52



Brimonn GB has been supplying grading surfaces into the quarrying, recycling and associated industries for 3 decades now. We have experienced sales staff, both office and road based, who can help advise you on the best type of screen to suit your application.

We can offer any type of grading surface, such as Woven Wire, Piano Wire, Finger Screens, Self Cleaning Screens, Rubber and Polyurethane, available with any hook type, or raw edged, to

suit your grading machine. We are conversant with most mobile plant types, meaning we can supply what you require easily. For static and trommel type plant, if we don't have the dimensions already, we have experienced field engineers who are happy to call to site to measure up. In addition, we offer accessories such as Rollers, Skirting and Capping Rubbers and polyurethane Belt Scraper.

So please come and pay us a visit on Stand PB52 in the Main Pavilion at the Hillhead Exhibition, Buxton in Derbyshire on 26th – 28th June 2018 where we will have a display of many of the products we offer along with staff who will be happy to answer any questions you may have.

SCREENING MEDIA

brimonn
QUARRY SCREENS & RECYCLING

Wire

Perf Plate

Rubber

Polyurethane

T 01902 632 505

F 01902 631 730

sales@brimonn.co.uk

brimonn.co.uk



Please come and visit us at Hillhead 2018 on 26th, 27th and 28th June

We are on Stand PB52 in the Main Pavilion

Promoflow

'shakes the contents - not the bin'

The answer to bridging, rat-holing and product segregation in bins, silos and hoppers

- Designed for any silo or hopper configuration
- Units can easily be fitted retrospectively
- Available with manual or automatic agitation controls
- Low energy consumption
- Easy to maintain
- Quiet Operation
- Available in Carbon or Stainless Steel

mucon.com
sales@mucon.com | +44 (0)1625 412000

Visit us 26 - 28 June - Stand RA24



COME AND VISIT US THIS JUNE!

We'll be showcasing our latest HardBox scrap tipper and MetalMover® moving floor at the following shows:

 **STANDS**
TIP-ex18 OS2 & MC17

 **STAND**
B11



HARDBOX SCRAP TIPPER



METALMOVER...



... IN ACTION

Head Office:
20 Granville Industrial Est,
Dungannon, Co Tyrone,
BT70 1NJ
www.thebmigroup.com

Email: info@thebmigroup.com
Tel: +44 (0)28 8775 3999
www.facebook.com/thebmigroup
www.twitter.com/bmi_group
www.linkedin.com/thebmigroup



Hardox® Wearpart Centres - The largest Global network in the industry



SSAB have invested heavily in the UK market to provide 12 dedicated Hardox® Wearpart centres who now play a vital role in providing premium services and products to the quarrying, recycling and bulk material handling sectors.

The beginnings of Hardox® go back to the seventies to the Oxelösund plate mill in southern Sweden. The pioneers of quenched and tempered steels at SSAB soon realised that the only true way to develop the market for these new steels, was to have direct contact with the people who used them and this is still extremely important today. Hardox® Wear Plate is world renowned for its strength and durability, even in the harshest, most aggressive operating environments. Now, customers can benefit from a specialist service providing high quality replacement parts for a wide range of quarry and mining machinery and equipment, delivered through a network of regionally based Hardox® Wearparts Centres.

As a global initiative, there are Hardox® Wearparts Centres operating in more than 40 countries around the world. In the UK, there are now 12 strategically located Wearparts Centres, from Scotland in the north, Northern Ireland through to South Wales and South East England covering all the primary industrial centres. Each Hardox® Wearparts Centre has access to the complete product programme and full technical support provided by SSAB for its Hardox® brand, which translates to an extremely comprehensive offering of wear parts and services. >





Services include:

- Site visits and technical advice – including technical analysis of requirements and measurements.
- In-house design engineering – redesign of replacement components to provide longer operational life using in-house CAD/CAM and worldwide reference data base.
- Component manufacture – including collection of components and comprehensive in-house manufacturing services.
- Delivery and install – direct delivery and full installation and re-commissioning of replacement parts.
- On-site welding services – an extended service offering, with specialist welding vans creating the possibility to make on-site repairs.
- Ongoing support services – including service agreements, real life wear performance and analysis, plus wear monitoring analysis.

One of the benefits of using Hardox® Wearparts Centres is their access to literally thousands of wear products for buckets, tipplers, crushers, dozers, shovels, chutes, feeders and pulverisers, plus many more. Accuracy and product quality are key drivers in the business and linked to this significant parts resource, enables replacement wear products to be manufactured, often to higher specification standards, to suit customers specific operating requirements. Hardox® Wearparts Centres will undertake the complete replacement or upgrade of a wear part, from initial discussion and site visit, specification recommendation, design and manufacture to installation.

With their strategic regional locations, Hardox® Wearparts Centres can often react faster to get replacement wear parts installed quicker than many traditional sources and this, coupled with their knowledge and support through SSAB has proved to be a winning combination for its industry customers.





The Hardox® Wear Resistant Steel Range

Hardox® abrasion-resistant or wear-resistant steels offer an impressive range of grades, thicknesses and widths, each with their own unique characteristics. Whichever ones you choose, you can be sure they'll improve the wear performance of your products and machinery, cut lead times in your workshop and increase the productivity of your operations.

Hardox® - Wear resistant steel is available in hardness ranging from 400 to 700 Brinell and SSAB have now launched 400 Brinell round bar and tubing up to 500 Brinell.

Strenx® - A range of high strength structural steel plates up to 1300MPa in yield strength, and it's now also available in tube form.

Toolox® - engineering and tool steel is a pre-hardened Tool steel available in both plate and bar form, to suit your every need.

Duroxite® - An overlay wear plate available in plate and wire form, ideal for those problematic erosive wear environments.

For more information on Hardox® please visit
www.hardoxwearparts.com

Come along and meet us at Hillhead - stand F8



MASTER MAGNETS LTD



Bunting Magnetics



Permanent Overband Magnets



Electro Overband Magnets



Eddy Current Separators



Stainless Steel Separators



Drum Magnets



Metal Detectors

TEL: +44 (0)1527 65858

EMAIL: info@mastermagnets.co.uk

www.mastermagnets.com

TEL: +44 (0)1442 875081

EMAIL: sales@buntingeurope.com

www.buntingeurope.com



Technical consulting and dispute resolution services from GWP

GWP provides technical consulting and dispute resolution services to quarry, mine and landfill operators, landowners and regulators in the UK and internationally. Specialisms include geotechnics, geology, hydrology/hydrogeology studies, surveying, GIS, quarry designs and equipment selection.

The quarry design work includes involvement with any or all of the stages of the quarry design process from prefeasibility studies, to identifying the optimal solution (or solutions), and whole life design of quarry excavations and restoration schemes.

GIS expertise and high quality topographic surveying (conventional and using UAV drones), support our consultancy work and are also offered as a standalone service. We deploy terrestrial photogrammetric techniques and related specialist software to scan and analyse existing slopes and structures that would be unsafe to approach and inspect by conventional means.



INDEPENDENT CONSULTING SERVICES

- Geology, mineral resource assessment
- Site investigation
- Hazard Appraisals, Geotechnical Assessments
- Bespoke geotechnical and on-site safety training
- Surface and groundwater management
- Lagoon and spoil tip design
- Pit design and scheduling
- Excavation and materials handling
- Quarry and stockpile surveys, UAV surveys
- Blast monitoring and design
- Landfill design, EIA, CQA
- Contract and litigation support, due diligence
- Technical dispute resolution
- Public engagement, and community mediation

Visit us at Hillhead Pavilion Stand PA7

e-mail: info@gwp.uk.com
web: www.gwp.uk.com
tel: 01608 810374

Upton House, Market Street
Charlbury, Oxfordshire
OX7 3PJ



The power behind the machinery that drives your business



See us at Hillhead, stand C33

Comprehensive driveline product portfolio for a large variety of heavy duty applications

Design - Supply - Installation - Service - Repair

- New units • Reconditioned units • Genuine OEM spare parts
- Highly qualified team of mobile engineers
 - Routine maintenance and emergency breakdown and repair

World-class brands



Fluid Couplings • PTOs/Clutches • Pump Drives/Couplings
Electric & Hybrid Drive Systems • Power Shift Transmissions
Torque Convertors • Anti-Vibration Mounting
Air Compressors • Flexible Couplings • Composite Bearings
Electronic Control Systems • Genuine OEM Spare Parts

info@mitgroup.co.uk

+44 (0)1795 580808

mitgroup.co.uk



Miller to celebrate 40 years of innovation with new product at Hillhead

Earthmoving attachments manufacturer, Miller UK have announced that they will be celebrating their 40th birthday and showcasing their latest product innovations at Hillhead 2018.

Miller UK will reveal its best in class next generation, revolutionary hydraulic compact quick couplers suitable for excavators from 1 to 7 tonne as part of their 40th anniversary celebrations when they return to Hillhead, the UK's biggest quarry and construction equipment trade show next month. Visitors to Miller's dedicated stand, W21 will also have the opportunity browse the full Miller product range, including their latest PowerLatch tilt coupler, quarry spec buckets and watch live product demonstrations of the new Miller GTS compact quick coupler.

Barry Robison, Miller UK's marketing manager said, "We strongly believe that coupler technology has a key role to play in improving the operator experience; making on-site operations safer, more convenient and capable of withstanding the most challenging working environments. The brand new Miller GTS range is the lowest, lightest and safest compact quick coupler in the market place. Offering 1T -7T excavators the widest multiple range of pick-ups for any attachment within the same class all from the comfort and security of the cab.

As well as demonstrating their latest compact innovations, Miller will also have a full range of PowerLatch tilts on display. Barry Robison, Miller UK's marketing manager added, "The PowerLatch tilting quick coupler from Miller is ideal for those customers who would benefit from having an additional 180 degree tilt function and versatility for all of their attachments, rather than having to invest in sets of dedicated attachments. With its slim line ram-free design, the PowerLatch tilting quick coupler from Miller is perfect for use with the narrowest of attachments without the operator having to worry about damaging expensive external rams during regular groundworks. We are looking forward to displaying the full range of the Miller PowerLatch tilt couplers at Hillhead and validating how it offers the bulk of functionalities customers seek of a tilt rotator with the flexibility of utilising existing attachments at a fraction of the investment costs."

Sales and marketing director at Miller UK, Brendan Quill said, "It's a monumental year for Miller celebrating 40 years of constant evolution of innovative, ground breaking attachment solutions. Hillhead has always been an important show for Miller over the past 40 years and Hillhead is the perfect opportunity to celebrate our 40th anniversary with new and existing customers. We look forward to building even stronger partnerships for the next 40 years."



For more information please call 0800 912 0006, visit www.millergroundbreaking.com, or follow Miller on Twitter or LinkedIn.



STAND W21



Leading Manufacturer of Commercial Vehicle Warning and Safety Products



BEACONS



MINIBARS



LIGHTBARS



DIRECTIONALS



WORKLAMPS



REVERSING SAFETY



DRIVING LAMPS



MIRRORS



MANDATORY



INTERIOR LIGHTING



LINEAR LAMPS

Contact us for more information:



+44 (0)113 237 5340



sales@eccogroup.com

Vist our NEW website:
www.eccoesg.co.uk

Part of **ECCO SAFETY GROUP™**



SCS Supply 85 Modular Systems for Hanson Bulls Lodge Quarry

Hanson Bulls Lodge is based in Chelmsford, Essex. The quarry site is located on a former airfield and first took up operations in 1990. Bulls Lodge now supplies over 750,000 tonnes of sand and gravel to the South East region. The site's main operation is concrete production however they also undertake asphalt, bagging and third-party recycling activities. The current processing plant at Bulls Lodge has a capacity of 425 tonnes per hour.

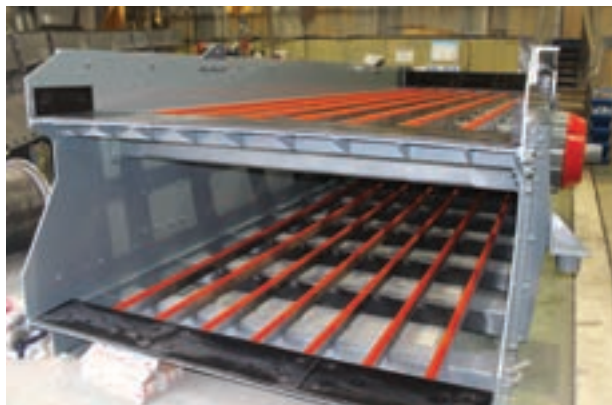
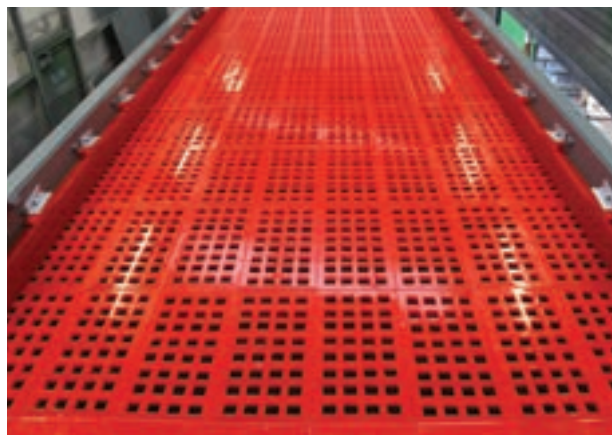


The decision was taken earlier in the year to replace the two main grading screens at Hanson Bulls Lodge, the job was awarded to Hewitt Robins. The job entailed replacing screen one - a 2.4m x 7.2m double deck machine, and screen two - a 2.4m x 6.0m double deck machine.

Both are wet processing screens with screen one separating the 10mm product on the top deck and coarse sand product on the bottom deck, screen two separates the 40mm product on the top deck and 20mm product on the bottom deck.

Screening Consultancy and Supplies (SCS) were chosen to supply and install polyurethane modular systems to suit the two Hewitt Robins double deck screens. One of the most popular polyurethane systems in the industry was specified – the 85 System.

SCS's scope of supply included the polyurethane modules, side retention bars, polyurethane side wedges, cleats, knockin bars



and 85 support girders. The specially designed 85 system support girder was cut and drilled to suit both screens. The girder is stocked in different sizes and lengths at SCS's facility in Rugby.

SCS prides itself on efficiency within the industry - the installation of the modular systems for Bulls Lodge were completed at Hewitt Robins works in just one day.

SCS's expertise in the design and manufacture of synthetic screen media places them as one of the leading suppliers within the quarrying industry. The fact that SCS's polyurethane products are also designed and manufactured within the UK gives them a distinct advantage in the supply chain process.

When specifying a polyurethane modular system, several factors are taken into consideration including application, screen design, aperture shape and size. SCS have the capability to design modular systems to suit multiple types of screens with different grading applications.

Modules are one of the many products that SCS specialises in along with rubber screen media, wear resistant liners, scrapers and various other screen accessories. SCS also supply key ancillary products to the quarrying and recycling industries with exceptional delivery times.

SCS's full range of products will be exhibited at our Hillhead stand in June along with homemade hot and cold food available. If you are looking for technical advice, a tailor-made solution for your screening or lining requirements, or further information, come and visit the SCS stand where team members will be happy to show you how SCS goes above and beyond for our customers.



Super Mass Excavation and Fuel Efficient Loading



Liebherr excavators are designed and built from the ground up specifically for tough quarrying operations. The Super Mass Excavation range features the undercarriage from the next size up machine as well as a host of other heavy-duty robust components to ensure reliability, efficiency and productivity.

The XPower wheel loaders provide maximum efficiency in all applications due to automatic adjustment between mechanical and hydrostatic driveline. Significant fuel savings are achieved thanks to Liebherr XPower driveline with Liebherr-Power-Efficiency (LPE). Optimal cab and engine hood design provides exceptional all-round visibility for safe and comfortable operation.

Call today on: 01767 602100

Liebherr-Great Britain Limited, Normandy Lane,
Stratton Business Park, Biggleswade,
Bedfordshire, SG18 8QB. www.liebherr.com

LIEBHERR



We move the Earth.

ContiEarth™ Tyres

- › Excellent cut and impact resistance due to an all steel radial carcass and belt package construction.
- › Non-directional tread pattern designs mean high traction in forward, backward and lateral directions.
- › Multiple tread edge pattern design results in enhanced traction performance.

For more information contact us on 0800 408 4704,
specialty@conti.de or find your local dealer at
www.continental-tyres.co.uk/specialty



**VISIT US ON
STAND U1**



ContiEarth™ EM-MasterE3/L3

ContiEarth™ RDT-Master

ContiEarth™ EM-MasterE4/L4

PROVEN RELIABILITY



over **240,000** products sold in a year
more than **10,000** active customers
in more than **50** countries
through direct subsidiaries
in **5** continents
with **1** supplier

**NEW OFFICE AND
LOCAL WAREHOUSE**



ELECTRIC MOTOVIBRATORS PNEUMATIC VIBRATORS AND FLOW AIDS

CONVEYING . FEEDING . SCREENING . EMPTYING . CLEANING



Olivibra UK Limited - Unit 8B , Wilford Industrial Estate - Nottingham - Nottinghamshire - NG11 7EP
TEL +44(0)115 982 5064 - FAX +44(0)115 982 7180 - www.olivibra.com - salesoliuk@olivibra.co.uk

A leading source of

Crusher Spares



REQUIP

T: 01636 671520 www.requip.co.uk



Graepels



Barry Robinson & the MILLER UK team



Molson Group



Reuben Bruce with Colin Rafferty on the SCG stand



The TDL Equipment team at Scotplant



Pat McGeary & Adrian Murphy of BLUE Group

SC
Pla
20

SCOT
ant
18



Ger Smullen and Trommall at Scotplant



Another happy EvoQuip customer on the BLUE stand



LIEBHERR and their impressive stand at Scotplant



Ed Prosser of Marubeni Komatsu



Caronne Lockhart with John Bennett of Terex Trucks

DA Autoparts invest in a new Hyundai HX180L equipped with a Powerhand VRS

I can remember the times when you took a car to be scrapped it was stuck straight into the baler and sent off somewhere unknown the size of a large suitcase!

Thankfully these days are long gone and vehicles at the end of their life or those in unreparable accidents are now required to be environmentally processed.

Many companies now offer a service where the vehicles are brought in and they are stripped of any components with a re-sale value before their fluids are drained and the vehicle is crushed and sent off for shredding and onward processing.

One company taking the end of life vehicle recycling just a step further is Dumfries based DA Autoparts who operate two centres on the outskirts of the town along with a third base in Stranraer. Operating in the salvage and scrap metal industry since 1984, the company has seen many changes to the way in which they operate. Sourcing all of their material direct from insurance companies, DA Autoparts not only salvage and scrap end of life vehicles but offer those with a future, once repaired, on their own auction site.

To assist with the recycling part of the business the company has recently invested in a new Hyundai HX180L equipped with a Powerhand VRS to replace an old Doosan excavator.

Whilst some exponents of the recycling trade use a material handler equipped with five-tine grab to remove various components from the vehicles, DA Autoparts have taken a step further. The more traditional method of removing parts with a material handler was never 100% reliable. This meant the carcass of the vehicle being sent away with various semi and precious metals still stuck inside and therefore giving the end recycler the opportunity to make money from them, or worse still, the material being lost through the shredding process. The management team at DA Autoparts looked at this and approached Powerhand to supply a VRS system for their old excavator. Such was the success of this combination that the company has recently supplied a new model fitted to the new Hyundai excavator.

The HX180 was chosen thanks to the reputation of the brand in the local area. "The old machine wasn't up to the job," explained Richard Stewart, at DA Autoparts "We looked at other options and all the comments came back in favour of the Hyundai, especially with the backing of Taylor and Braithwaite."

The HX180L weighs in as a standard machine at a shade over 19 tonnes and is powered by a T4F Perkins diesel which delivers 137hp at 2050rpm. The 4.1m long undercarriage sits on 700mm track pads and provides a stable base for the machine. Complete with a 5.1m boom and 2.6m dipper, the machine is straight off the production line with the only additional features being added are the flow, return and rotation lines to the front-end equipment.



Where this machine really gets specialised is when you see what is situated between the tracks. In full cooperation with Hyundai and Taylor and Braithwaite, Powerhand have installed a bespoke, heavy duty mounting frame between the rear idlers on which the VRS system is affixed. The robust chassis for the VRS system is similar in style to that of a dozer blade mounting found on some excavators and has been over engineered to cope with the lateral movements put through it when manipulating the vehicle in its grasp. Mounted to the frame and operated by a pair of large hydraulic cylinders is the VRS grab. The grab frame itself measures in at just over 4m and with each independently operated arm fitted with a variety of shearing points, knife blades and bracketry to hold and manipulate various parts of the car, the VRS is a formidable opponent to any redundant vehicle.

Mounted to the dipper of the Hyundai is the Powerhand shear. The long and slender design of the shear allows it to gain access to parts on the car which are usually inaccessible with a traditional orange peel grab. Equipped with an extremely powerful bite, the shear with its flat tips is able to grab and manipulate engines, gearboxes and catalytic converters away from the shell of the vehicle and segregate them for onward recycling. The addition of a set of cutting blades in the throat of the shear allow it to be able to cut through bodywork should it be required to. The shear is able to rotate and allows the operator to grasp the car's wiring loom securely before ripping it out. Any remnants of plastic connectors still attached to the loom when it comes from the vehicle can be stripped off with the multi tool on the VRS arms. The hydraulic system on the Hyundai was deemed more than capable of supplying the required flow rates for the VRS system with just a maximum flow of just 120 l/min required to close the shear and the same to close the arms.

During our visit the Hyundai and Powerhand combination was quickly used to strip out various components from the cars. What would take skilled mechanic hours of labour to undertake, the combination was able to do in seconds. Manoeuvring the car between the arms with the shear and then clamping it from the side allowed the operator to strip off the bonnet before quickly removing the engine and wiring loom. The cars were then flipped over and spun 90 degrees before the legs were dropped onto the upturned shell and the transmission removed. With the required components removed and set aside, the shell of the car was placed to one side for crushing. Attention was turned back to the engine that was stripped out and with deft control, it was picked up and dangled between the arms of the VRS. Like a Praying Mantis the arms moved in and simply lopped the cylinder head away from the engine block. "We have to try and segregate as much material as possible," explained Richard "Doing this gives us the best possible return on each grade of steel and makes recycling far easier."

The Hyundai has been on site for a number of months now and has been impeccable in operation as has the VRS system. "The service and attention to detail from both Taylor and Braithwaite and Powerhand has been first class. Richard commented. "The addition of the combination will help us to recycle vehicles far more efficiently, safer and quicker."

TB Taylor & Braithwaite

CMB resolve a screen failure at CEMEX Brighton in rapid time



Owned and operated by CEMEX UK, Brighton Wharf is a busy operation processing approximately 30,000 tons per month of sea-dredged aggregate which is delivered by their own dredger to the wharf, offloading a cargo of 5,000 tons, 2-3 times every week.

Recently after the secondary screen suffered a massive failure which stopped production, CMB International stepped in with a very quick solution to the screen failure by diverting a screen that was scheduled for delivery to the CEMEX UK sister operation at Southampton Leamouth Wharf.

Following a rapid site inspection within the week the CMB engineers concluded that the new 'Leamouth' screen was a workable solution with some minor modifications.

The replacement screen was delivered to site where the screen was modified to fit the existing structure. As the drive was on the wrong side this was moved to the opposite side when the installation was completed on-site.

Andy Roberts – Assistant Wharf Manager, commented, "CMB reacted very quickly to our problem, and we were lucky that the Leamouth screen was ready for delivery. It was delivered to site and their team had it up and running after they had swapped the drive to the other side. Other than we had to change the mats to suit us better, we were soon back in production – they did a great job!"

CMB supplied a new bespoke two-deck 1.8 x 4m long inclined screen

which provide many benefits including:

- Angles bolted to the top and bottom of the side-plates offer increased strength.
- High strength friction grip bolts are used in the construction of the screen providing reliable but easily replaced connections.
- Pivoting motor base supplied as an option (reduces load on belts starting, driving and stopping).
- Spring bases can be supplied as fixed or pivoting thus enables screen to be positioned at different angles to suit application.
- Feed box evenly distributes material on to deck of screen reducing wear.
- Can be used for finished screening but is also suitable for scalping duty.



Andy, further commented, "I particularly appreciate the jacking points on the side of the screen, it's a simple but very effective feature which is an essential maintenance benefit!

The processing operation:

The process is relatively simple at Brighton, the sea dredged aggregate is fed into the hopper which travels up the main conveyor onto the primary screen where it is washed and sieved providing a 10mm product and a sand. Any +12/14mm aggregate is then fed onto the new CMB secondary screen with any +24mm material dropping into the 40mm bay, or recirculating to the crusher which then feeds crushed material back onto the main conveyor starting the process again.

The plant dependant on material delivered to the wharf operates at approximately 180-250tph which the new CMB screen handles easily.

Liam Holland – General Manager, commented, "When we received a call from Brighton we quickly realised it made sense to divert the Leamouth screen to them to get production up and running as fast as possible. We made a few modifications and swapped the drive, which is something we are used to doing on a regular basis if the situation requires it. We were very lucky with the timing and very pleased we could help the CEMEX team at Brighton."

About:

Established in 1996, CMB International supply new and used quarry plant, bespoke fabrication, spares and repairs. Their philosophy has always been to provide effective on-site plant maintenance and help customers get the best possible production from their plant, this philosophy has always been, and remains customer driven.

CMB International offer quality service support for cones, jaw crushers and screens within the quarry industry and have continually evolved, aiming to meet and exceed the requirements and expectations of their customers.

The continuous evolution of CMB International has also led the company to market their own range of crushing and screening equipment, that is all designed and manufactured in their UK workshop.

OLIVIBRA UK part of OLIVIBRA S.p.A group and the Worldwide leader in vibration technology



OLIVIBRA UK part of OLIVIBRA S.p.A group and the Worldwide leader in vibration technology, founded in Italy in 1961. A wide range of products that satisfy the most demanding applications. Solutions for many sectors including QUARRYING is just one of OLI's focus.

OLI's vibrating motors comply with the latest INTERNATIONAL standards for use in Hazardous locations, such as Atex and UL normative. We match our competitor's footprint and allow easy retrofit of existing machines. OLI has been present in the UK market since 2013 and has now opened its latest official branch in Nottingham featuring local trained staff and a large warehouse, capable of matching the lead times requested from our customers. The key centre piece of OLI's business strategy is rapid stock delivery, any time, any place in the world.

For this purpose, three production sites were set up in the main regions of the world and subsidiaries were opened in 19 countries. In consequence of which the motto of our company "WHEN YOU NEED IT, WHERE YOU NEED IT" has a deeper meaning.

OLI's paramount objective is to establish a mutually beneficial relationship with our customers, who are a key influence in shaping the company's business model. Meeting the customers' needs is a priority, achieving a trustful partnership is the reward. By supplying competitive high-quality products for wide ranging applications, OLI combines performance and reliability by adapting to the ever-changing market. A strong believer in innovation, OLI is constantly striving to be ahead of the curve and new products are constantly being developed to complement our range.



Liebherr L 586 XPower® impresses Hanson Aggregates with its extremely low fuel consumption

Topping the range of Liebherr wheel loaders, the L 586 XPower® has recently been finding friends in a number of quarrying operations in North Wales. This includes Hanson's St George Quarry near Abergele, which has recently taken delivery of one of the loaders and is using it to manage stockpiles around the site.

Both Quarry Manager Lee Williams and regular operator Edwin Roberts have been amazed at the new wheel loader's fuel consumption, or rather the lack of it. They suspected that the LiDAT monitoring system was faulty when it showed that the machine was only using 11.7 litres of fuel per hour. 'This is far better than we thought it would be and is far less than any of the previous machines we have used on site,' Lee commented. 'We have been very impressed with the reliability of the machine too,' he added.

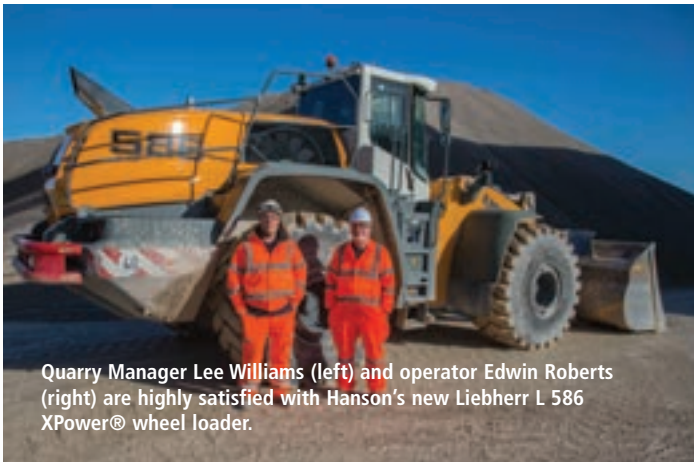
The L 586 XPower® boasts the pinnacle of engine and transmission technology in the form of a six-cylinder D936 engine and an XPower® CVT transmission. This combination allowed Liebherr designers to keep the engine low and to the

rear of the machine, replacing the large counterweight. This reduction in physical mass, and therefore weight, equates to a significant fuel saving. The Liebherr diesel engine delivers 358 HP at a maximum of 1800 RPM. This low revving ability matched to the XPower® driveline, which has impressed Edwin with its power and ease of control, gives the range its characteristic driving style: 'It took me a couple of weeks to settle into the Liebherr's driving style,' Edwin explained, 'but now I've got used to it, I wouldn't want to go back to anything else.'

The 33 tonne L 586 XPower® has been supplied with Z-bar linkage on a high lift arm arrangement that gives an effective load over height of 4.5 m, which is ideal for loading both the road-going trucks that leave the site. The high lift arm arrangement also enables the loader to service the 50 tonne rigid dump trucks used at the quarry should the need arise. It has been equipped with a 6 m³ straight-edged bucket with bolt-on replaceable cutting edge.



The powerful Liebherr L 586 XPower® loading a truck at Hanson's St George Quarry near Abergele, North Wales.



Quarry Manager Lee Williams (left) and operator Edwin Roberts (right) are highly satisfied with Hanson's new Liebherr L 586 XPower® wheel loader.



The powerful Liebherr L 586 XPower® hard at work

The large loader is seen as the ideal tool to load tipper. The general-purpose bucket can load an eight-wheeler tipper in just two passes and this job is now far easier thanks to the on-board weighing system. 'We never had anything of the sort when I first started,' Edwin laughs. 'It was a very time-consuming job getting each truck close to the maximum weight.'

And the weighing system isn't the only thing that has changed. From the large cab with its excellent all-round vision, well laid out controls and comfortable seat to the huge electrically-operated bonnet that provides easy access to the whole engine compartment, the Liebherr L 586 XPower® has been designed to make the operator's working day easier.

Edwin has operated wheeled loaders for over 40 years and is therefore well qualified to give his experienced view on the L 586 XPower®: 'This is simply the best wheeled loader I have driven!' he said. 'I've driven almost everything and this beats them all.'

For further information on the Liebherr XPower® range and its fuel saving capabilities, come and visit us at Hillhead on stand Z6.



The new Metso Lokotrack LT220D in Norway: Production up by 25%, fuel costs down by 40%

In addition to increased capacity and fuel savings, the Norwegian crushing contractor Finsveen Maskin AS appreciates the easy transportability of the Lokotrack LT220D cone plant.

The revolutionary two-in-one Lokotrack LT220D crushing and screening plant has enjoyed worldwide sales success since its Las Vegas launch in early 2014. After logging more than 2500 equipment operating hours, the Norwegian contractor Finsveen Maskin AS knows with certainty that the unit really does boost production and significantly lowers fuel costs – to the tune of more than 100,000 euros per year.

"The figures verified by us are very convincing. The LT220D cone crushing plant with a full-sized screen increases capacity by 25% and consumes only 34 liters per hour, resulting in a 40% fuel savings compared to its predecessor, the LT1100 cone plant," comments Runar Finsveen, Manager of Finsveen Maskin AS, Norway.

"And, as a big added bonus, the LT220D, weighing only 48 metric tons, can be transported easily as one piece – no dismantling necessary. Metso has succeeded in reducing the weight of the new unit by about 10 tons compared to the old model."

According to Runar Finsveen, better transportability is a big advantage in crushing contracting:



Finsveen Maskin's crusher operator Erik Pedersen (left), Manager Runar Finsveen and Metso's Norwegian Country Manager Olav Hellekaas.

"We move our LT220D between sites about 25 times per year. Thanks to the hydraulically lowered screen, feeder and conveyors, getting the machine ready for transport goes quickly and it can be transported on an ordinary trailer. Upon arrival to a new site, the unit is ready to work in 20 minutes," Runar Finsveen says.

Fuel savings of over 100,000 euros per year

Finsveen Maskin was among the very first companies worldwide to start operating the Lokotrack LT220D in August 2014. In ten months, more than 2500 hours have been clocked and some quarter of a million tons of aggregates crushed and screened.



Rune Finsveen expects to save 60,000–70,000 liters of fuel per year with the new LT220D. With the average price of diesel about 1 EUR/liter in Norway, the total fuel savings will range between 60,000–70,000 euros per year. At the same time, he will get 25-30 tons more production per hour compared to the LT1100.

Finsveen Maskin concentrates on the contracting of secondary and fine crushing jobs. It operates in a manner commonly practiced in Norway: a dump truck feeds a static hopper silo, from which a conveyor moves the material up to the LT220D's vibrating feeder.

The GP220 cone crusher on board the LT220D is operated at a 16-mm closed side setting, providing capacity of about 130 metric tons per hour. The patented, centrifugal lifting conveyor takes crushed materials back to the screen, saving a lot of space.

Normally, the LT220D produces end products of 0–4 mm, 4–8 mm, 8–16 (16–22) mm, 8–11 mm and 11–16 mm, with an additional mobile screen further producing 0–2 mm, 2–5 mm and 5–8 mm grades.

Screening jobs from the age of 14

Runar Finsveen's career in the crushing and screening business has already spanned more than 25 years. He actually started his first screening job at the age of 14 and was running a crushing plant just one year later.

Runar founded his first company at the age of 19, working with an excavator and a truck. Finsveen Maskin was established after a company merger in 2007. Today, the company has 22 employees and executes contracts around the village of Bø, south of Norway's capital city of Oslo.



Before the LT220D, Finsveen Maskin operated Lokotrack LT105 and LT110 jaw plant models for primary crushing and an LT1100 for fine crushing. This year, the company's secondary and tertiary crushing will produce 270,000 metric tons, and it has plans to increase it to 300,000 – 350,000 tons by 2016.

Normal working days at Finsveen Maskin tend to run about 12 hours long and usually include a one-hour service break. This way, the company ensures smooth, efficient operation and avoids unexpected breakdowns. The fact that the diesel engine on the LT1100 was operated more than 16,000 hours without opening is a good indication of the effectiveness of the company's service culture.

"The service requirement for the LT220D seems to be rather minimal. We try to handle it on our own, but we do use Metso experts when necessary. We also get all our crusher wear parts and screening media from Metso," Runar Finsveen says.

The trust in Metso was seen already when signing the purchase deal for the new Lokotrack LT220D:

"At that point, the machine was still just a drawing, but we trusted Metso Norway. Since delivery, the machine has performed well and without major problems. In the future, we are expecting Metso to react quickly to even the smallest concerns we encounter," Runar Finsveen adds.



CLEANER PRODUCTS BETTER RETURNS

With new restrictions demanding higher levels of purity for recovered waste products, now is the time to ensure that your recycled products are clean. Whether you are a small or a large plant operator, Kiverco can help you achieve this, helping you command a better price from your buyers.



From consultation to installation, Kiverco offer unbiased advice on the best ways to generate extra revenue from your waste recycling plant. We have been designing and manufacturing static and mobile recycling plants for over 25 years to suit all types of waste streams.

CALL: +44 (0) 28 8773 8811

EMAIL: sales@kiverco.com

www.kiverco.com

KIVERCO™
RECYCLING PLANT



Exhibiting at
Hillhead
Stand W6

RUD®
Tradition in Dynamic Innovation

RUD Chains Ltd

Tyre Protection

**Chains Reduce Operating
Costs & Increase Productivity**

- Maximum Traction, Resistance & Protection
- High Resistance on Hot & Burning Surfaces
- Innovative Three Wear Levels on The Chain
- Reduce Operating Costs & Increase Productivity
- 24 Hour Service & Support Available

www.rud.co.uk 01227 276611

RUD Chains Ltd, Units 10-14, John Wilson Business Park, Thanet Way, Whitstable, Kent, CT5 3QT

RWM 2018 returns revamped under new ownership



UNDER brand new management, the Recycling and Waste Management Exhibition (RWM) returns to the NEC Birmingham in September, introducing a host of revamped features and a world-class line up exhibitors and speakers.

Recently acquired by PRYSM Media Group, RWM, in partnership with CIWM, is set to transform the NEC on September 12th and 13th, home to over 500 cutting-edge exhibitors, 14 brand new themed theatres and more than 350 expert-led seminars. Free tickets are now available online at www.rwmexhibition.com.

The largest recycling and waste management exhibition in the UK, RWM will run in a two-day format, to both increase the efficiency of the experience for visitors and improve return on investment for exhibitors.

For the very first time, RWM runs alongside four other leading environmental shows. Five of the UK's most respected environmental trade shows have joined forces to co-locate at the NEC, including RWM, The Flood Expo, The Contamination Expo Series, The Marine & Coastal Civil Engineering Expo and The Future Resource Expo; a brand new show set to inspire professionals working with high energy and/or water consumption.

As a result, over 22,000 professionals will flock to the NEC, with more than 1,200 of the sector's foremost companies on offer collectively, as well as over 700 seminars.

RWM is rapidly attracting the industry's foremost companies, including JCB, Mercedes Benz, Viridor, Veolia and Suez, all confirmed to showcase the latest and most innovative recycling and waste solutions. These will be presented across the five key zones returning to RWM; including Energy From Waste, Handling & Logistics, Machinery & Equipment, Recyclers & Reprocessors and Data, Tech & Services.

However, this year the show will present 14 new theatre themes, from Waste Crime to Local Authority Issues. Each theatre focusses on an area that is crucial for determining how public and private bodies deal with their waste both now and in the future.

Event Director Nick Woore said: "We're working to totally transform RWM and make the already leading event bigger and better than ever before. This year's event is unmissable for exhibitors and visitors alike, with more than triple the amount of content on offer, and access to all five co-located events.

"We've also launched two new sub-brands to target Local Authorities and SMEs looking to discover the latest and most relevant innovative waste solutions.

"Innovation is a key theme to RWM – we're bringing back the Innovation Trail, which highlights exhibitors who are pushing the boundaries of innovation, and will also soon release the categories for the RWM 2018 Innovation Awards, which recognise and celebrate the most innovative products and services that are making a significant impact across the recycling and waste management industries.

"We're bringing together the industry's leading exhibitions under one roof. This is now an event like no other and must-attend for professionals looking to discover the latest products and trends transforming the market, network with professionals from across the globe and showcase their brands to targeted decision-makers."

You can now register for your free ticket to RWM – which gives you access to all five environmental shows – at www.rwmexhibition.com. If you're interested in exhibiting at the show, contact Event Director Nick Woore on 0117 929 6083 or nick.woore@prysmgroup.co.uk. If you're exhibiting at RWM and believe your product/service should be on the Innovation Trail, email hassan.allan@prysmgroup.co.uk.





UNPARALLELED PERFORMANCE



**ROBUST & RELIABLE WASTE
PROCESSING SOLUTIONS
FOR CUSTOMERS WHO KEEP
COMING BACK FOR MORE**



North England / Midlands / Scotland

www.crsni.com T. +44 (0) 28 8076 0496



London / South England

**www.earthequipment.co.uk
01372 462023**

Plevin Wood Recycling take delivery of a new Terex Ecotec TDS 820 from Warwick Ward

Warwick Ward have recently commissioned a new Terex Ecotec TDS 820 slow speed shredder at the Plevin facility near Retford. R Plevin & Sons Ltd was formed in 1973 by Roy and Maureen Plevin and is now run by their two sons Jamie & Simon, employing over 200 people across four sites in the UK. The Retford facility covers 14 acres and employs 65 staff. Here they are developing production of woodchip for biomass in a single stage pass.



Left to right: Jamie Plevin, Director of R Plevin and Sons Ltd with Simon Causier, Director at Warwick Ward Machinery.

The new Terex Ecotec TDS 820 shredder is an integral part of that process and has been adapted to produce a smaller fraction size for biomass, whilst still maintaining a consistent throughput of around 35-tonne per hour. It is designed and purpose-built for the toughest shredding applications including wood waste, pallets, cable drums, paper rolls, compost, mattresses, roots and domestic and industrial bulky waste. This industrial shredder features customizable shredding programs that give

operators the opportunity to configure the machine to their specific requirements, reduce material wrapping and maximize production. Designed with independently-driven shafts, this double-shaft slow speed shredder is assured to give machine operators excellent performance in even the most challenging of applications.

The TDS 820 includes a hydrostatic drive that provides increased protection against contamination and allows for bi-directional shredding as well. Its 2-meter long shafts are manufactured with a fully-welded tooth configuration, which makes for massive throughput and excellent material reduction. Its independent gearboxes enable each shaft to be run separately to reduce material wrappage for effective shredding operations and it features a specialized cleaning system where the shaft reverses in an asynchronous manner that guarantee the self-cleaning effect even when shredding material is difficult.

Additional features include the tipping feeder which increases the feed area. Hopper extensions provide increased capacity in bulky applications. The TDS 820 is powered by the following engines dependent on geographic area and emission regulations; Scania DC13 330kw (440HP) Tier 4 final for the US and EU, Scania DC13 371kw (497HP) constant speed for the EU. The machine is manoeuvred via a robust tracked undercarriage



One of CASE wheeled loader fleet supplied by Warwick Ward



making it a great solution for difficult terrain.

Simon Causier Sales Director at Warwick Ward (machinery) Ltd commented "we have built up a successful long-standing partnership with the Plevin organisation supporting 3 different sites in the North of England. Following the supply of many CASE Construction Waste Spec Loading Shovels over the past 6 years it was a great accolade to now supply a Terex TDS820 slow speed shredder to support the wood processing operation at Retford. For Warwick Ward it was a natural progression to supply the equipment on the same basis as the loading shovels i.e. Operating Lease with a full Repair and Maintenance contract allowing the customer to focus solely on their operation. Since taking on the dealership for Terex Ecotec range of Recycling equipment we have seen a real increase in market share for the slow/medium speed shredders, trommels and Terex (Fuchs) material handlers."

To find out more about the Terex Ecotec range available from Warwick Ward please visit www.warwick-ward.com



Parnaby Cyclones rebrand and launch two innovative recycling solutions

A long-established family owned company, Parnaby Cyclones has designed, manufactured and installed washing plant and equipment for the mining, quarrying, and mineral industries all over the world since 1973.

Through this global presence the Parnaby name has grown through the coal industry where they are known for outstanding customer service and robust, long-life equipment. This vast experience has brought additional confidence with their technology within the recycling sector which began 15 years ago and subsequently led to the design and manufacture of a Natural Medium Trial Wash Plant which was installed at their Chilton HQ three years ago.

Since then the plant has been used as a test bed for processing a wide variety of materials for several companies all of which have proved successful. This success has led further to the rebrand of the company and to introduce new innovative processing solutions for the recycling sector. The Parnaby process offers many benefits of wet separation, including:

- Volume reduction of landfill material
- Increased yields to high grade products
- Increased flexibility on feed moisture content
- Increased flexibility to process heavily contaminated mixed waste
- High throughput capability for improved payback time on capital expenditure
- Robust and flexible design for long life cycle and good residual value
- Ability for mobile/modular design for short-term projects

Incinerator Bottom Ash (IBA)

Parnaby Cyclones can offer two 'market exclusive' wet separation solutions which have been applied on IBA type material. Both these solutions provide a volume reduction to landfill through highly efficient separation and create clean high-grade products for revenue generation.

Based on the Parnaby Cyclones Dense Medium Solution, bespoke designs are available to suit client requirements which provide improved separation efficiencies compared to dry separation. These solutions provide cleaned aggregates with aluminium from heavy ferrous and non-ferrous metals within IBA material from waste to energy systems.

Utilising the Parnaby Cyclones Natural Medium Solution they can offer a process which offers high throughput capabilities providing an efficient method of recovering unburnt material from IBA out of waste to energy systems and biomass power generation. This introduces a wet separation process which facilitates significant cleaning to create high-quality products providing attractive business models with reduced landfill costs.

This offers many benefits, including:

- High efficiency whilst maintaining high throughput
- Volume reduction to landfill whilst producing tangible products for revenue
- <5% Loss on ignition (LOI) on dried ash product
- <5% ash content in dried recoverable biomass product
- Improved efficiencies of existing eddy current and dry separation systems
- Short payback period on capital expenditure

A recent project for IBA biomass processing, Parnaby Cyclones supplied a 50-100tph Natural Medium Cyclone Plant with closed circuit effluent treatment. The plant processed a <20mm contaminated feed and achieved up to 99% wood recovery of >200um at 2% ash content. This produced an ash product up to 98% purity. The end result provides a wood product that is compatible for re-burning, and an ash product that is compatible for concrete block manufacturing.

In a further project in Belgium Parnaby Cyclones designed a 25-30tph Natural Medium Barrel and Cyclone Plant in conjunction with eddy current separators and closed circuit effluent treatment. Processing a contaminated feed of <100mm the wet process improved efficiency and throughput of magnetic systems and produced a concentrated aggregate for resale. The plant also produces a high-grade ash product for concrete block manufacturing and recovers ferrous and non-ferrous products for re-sale. In applications of this nature Parnaby Cyclones can supply Dense Medium options for further bespoke separation requirements.

Municipal Solid Waste (MSW)

Parnaby Cyclones offer a wet separation solution for MSW trommel fines with their Natural Medium Solution which offers many benefits, including:

- High throughput of up to 60tph with cost efficient scalability
- A heavy-duty design with robust construction providing high residual value and plant longevity
- New opportunities for processing highly contaminated raw feed stock
- Increase efficiencies of dry separation systems
- Low operating costs per feed ton
- Effective weight reduction to landfill
- Produces a clean aggregate for revenue generation

Parnaby Cyclones Wet Separation Processes can achieve a <4% moisture on course and fine aggregates >1mm. The process has the potential to extract course fibre for Refuse Derived Fuel (RDF) and Anaerobic Digestion (AD) materials and can produce a light, clean material stream for further dry separation to produce an RDF. Lastly, the process can also produce an organic rich filter cake product with AD compatibility.

A recent project processing MSW, Parnaby Cyclones supplied a 35tph Natural Medium Barrel Plant with closed circuit treatment. The plant processed a contaminated feed of <80mm trommel fines and achieved a <6% moisture course and fine aggregate. Furthermore, the plant achieved an AD grade organic filter cake product and lastly produced a compliant product for processing to produce an RDF.

Recent successful projects

Parnaby Cyclones Wet Separation Processes have been successfully applied to many recent projects. For a project involving C&I – soil remediation Parnaby supplied a 50tph custom Washing Drum Plant with closed circuit effluent treatment. Parnaby were appointed as principle contractor and designed a plant that was adaptable to hugely variable feed stock, including clay and hydrocarbon contamination. The plant has successfully reduced the volume of contaminated discard and produced saleable products. Parnaby have recently managed and installed an expansion of the system for further fines density separation.

In Italy Parnaby Cyclones designed and installed a plant to process MRF glass by supplying a 35tph Natural Medium Barrel Plant with closed circuit effluent treatment. Receiving a combination feed of <50mm and <4mm crushed glass the plant achieves <0.3% LOI on the 1mm-50mm glass and boasts a 99+% glass recovery. The process has also improved the efficiency of dry separation systems, while processing raw feed.

For a project processing WEEE Parnaby supplied a 20tph Natural Medium Cyclone Plant with closed circuit effluent treatment. Receiving a combination feed of <20mm the plant achieves up to 99% recovery of copper and achieves a mixed plastic cullet. Again, improved efficiency of existing dry separation systems whilst processing raw feed has been noticeable.

An international reputation

Parnaby Cyclones has an international reputation for excellence and service and provides a comprehensive service including consultation, design, manufacture, installation, after sales service and maintenance.

Parnaby Cyclones HQ is located at Chilton, Durham where all equipment is manufactured in-house at their 20,000 square metre site.

A warm welcome awaits at stand N7 – Hillhead 2018

Come along and have a chat about what Parnaby can do for you.



Welcome! to our world

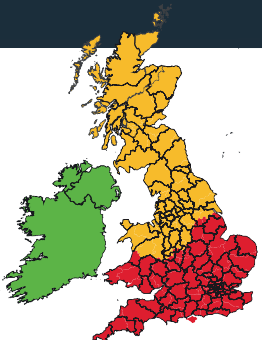
RM[®]
COMPACT CRUSHING

RUBBLE MASTER are the original,
others only try to follow.



26 YEARS EXPERIENCE

in designing and perfecting impact crushers.



TB Taylor & Braithwaite

RK

TradeBalers

TB Taylor & Braithwaite

TAYLOR & BRAITHWAITE LTD
017683 41400
info@t-and-b.co.uk
www.t-and-b.co.uk

RK

RED KNIGHT 6 LTD
01293 862619
sales@redknight6.co.uk
www.redknight6.co.uk

Affordable Waste Management Solutions
TradeBalers

TRADE BALERS LTD
02890 160483
info@tradebalers.com
www.tradebalers.com

A Kiverco Recycling System that grows with your business



Scrapco Metal Recycling, a family run business in Kent, has recently taken ownership of a new Kiverco waste recycling plant. Scrapco, which first started trading in scrap metal in 2006, has seen their more recent skip hire service grow rapidly. This meant that they required a new recycling system that would be flexible and could be adapted to accommodate further growth.

Scrapco approached Kiverco with very specific requirements for what they wanted to achieve, their available footprint and possible future growth. Working closely with Scrapco during this consultation stage gave Kiverco a good understanding of their business and they were able to offer a solution which meant that Scrapco could improve their current processes, increase efficiency and also adapt the plant for further increases in tonnage.

The current recycling plant installation, which was completed within 10 days includes a belt feeder, trommel, 4 bay picking station, blower and a magnet. It is designed to process all types of waste, in this case, mainly Construction & Demolition.

Danny, Managing Director of Scrapco says, "We are delighted with this new system from Kiverco. It will massively help our business and our future growth plans. At the start of the project, we had feedback from people about Kiverco's reputation for good quality equipment and it really was true what they had said - the equipment is definitely built with backbone! The company was professional from start to finish. They know how to help companies like ours grow and get the most of the equipment, so we envisage a long-term relationship."

JP Devlin, Area Sales Manager for Kiverco says, "Scrapco were a fantastic company to work with on a project like this. They had put a lot of research into what they wanted, visited other Kiverco installations and along with some advice from us, we were able to design a plant that fitted their requirements. I'm looking forward to seeing their skip hire business go from strength to strength."



Finlay Central supply an innovative Kiverco mobile recycling plant to Henshaws



A Cheshire-based waste management company is one of the first to take delivery of Kiverco's innovative mobile recycling plant from Finlay Central.

Part of the Finlay Group of companies, Finlay Central specified the Kiverco PS122 Picking Station for Henshaws' 16-acre site in Macclesfield, along with a Terex Finlay 883+.

Offering the benefits of a high performance stationary plant, the new mobile Kiverco PS122 Picking Station combines manual sorting, magnetic and air separation in one compact unit.

The new Terex Finlay 883+ is feeding the picking station with material brought in from the company's skips.

It is processing the material into three different sizes, -25mm, 25mm to 100mm – which is then processed by a density separator, giving a clean fraction of stone – and an oversize that is fed to the picking station.

Replacing an old static picking station, the Kiverco PS122 at Henshaws has been fitted with an overband magnetic module to recover ferrous metals, as well as a variable speed, heavy-duty, fan blower to remove light fractions from the material.

The four-man picking line removes wood, plastic and cardboard – which then go for recycling – whilst the heavy material is crushed and sold on to customers.

James Henshaw, Transport Manager at Henshaws, said: "The Kiverco PS122 came to site and was set up in no time at all.

"It's incredibly easy to use and we're really impressed with it.

"And as always, the Terex Finlay 883+ doesn't disappoint, we've had them in the past and they're just a great machine.

"Together the two machines provide us with an optimum solution."

The high-performance Terex Finlay 883+ is designed to work after a primary crusher or on its own as a frontline tracked mobile screening machine.

It has the capacity to process material at a rate of up to 500 tonnes per hour and is ideal plant for applications such as quarrying, recycling and demolition debris, as well as sand, gravel, coal and aggregates.

With unrivalled set-up simplicity, the Kiverco PS122, along with the Terex Finlay 883+, will be joining the company's extensive hire fleet – all specified by Finlay Central.

James Henshaw added: "Now everything has settled in, it's all systems go and we want to get both plant hired out."

With extensive industry knowledge and employing over 70 staff, Henshaws has grown to become a leading waste



recycling operator in the North West.

As well as plant hire, the family-run company also offers skip hire, aggregates, scrap car and metal recycling as well as tipping facilities.

Neil Partington, of Finlay Central, said: "The new Kiverco PS122 is a great piece of kit, it's easy to move and simple to set up.

"The insulated sorting cabin is fitted with PVC doors and windows and is far more comfortable for the operators, air conditioning is also an optional extra."

Last year, Finlay Hire part of the Finlay Group of companies, became a licensed hire specialist for Kiverco in England and Wales, specifically for the new and recently introduced mobile Kiverco Compact Plant range.



Designed for the small to medium size waste processing operator or mobile contractor, the new range includes a feeder trommel, a picking station and density separator – modular components can be selected to provide a bespoke solution for waste processors.

The new Kiverco Compact Range can be quickly and easily set up on site, without cranes, and ready to work within a few hours.

To watch the new Kiverco PS122 and Terex Finlay 883+ in action at Henshaws, visit <https://www.youtube.com/watch?v=iiEOZ3zWT-4&feature=youtu.be>



Do you have high landfill costs?

**Looking to improve your recovery when
processing the below materials?**

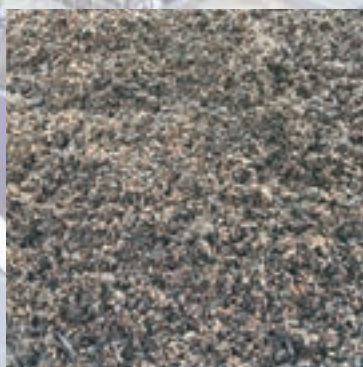
- MSW
- ASR
- IBA
- Biomass Bottom Ash
- WEEE
- MRF Glass
- Road Sweepings
- C&D



WEEE: Recovered Concentrated Copper



MRF Glass: Glass Product:



Biomass Bottom Ash: Recovered Wood



MSW Fines: Recovered Aggregate:

**Contact
Parnaby Cyclones**

Strength in Numbers

CRJ Services, the UK's leading hirer of mobile recycling equipment has a fleet of machines responsible for processing millions of tonnes of material each year...

Shredding:

CRJ's fleet is home to 16 Slow Speed Shredders, predominantly the Haas Tyron 2000s. These powerful and versatile machines output up to 50tph and can be tailored to meet the requirements of your waste stream (150mm up to 400mm shred size).

There are 5 High Speed Shredders in the fleet, all of which are from the Doppstadt AK range. A large 2.5-ton rotor spinning at 1000rpm allows output of up to 70tph and shred size from 30mm - 280mm.

Screening:

With 40 Screening Machines available from a range of OEMs, CRJ have the solution for your screening requirements.

The Drum Screens output up to 100tph and can screen from 3mm - 150mm. The Star Screens can process up to 150tph of 3mm - 150mm material. CRJ can also supply 3-way split Deck Screens, ideal for wood waste and obtaining accurate sizing for aggregates.

Sorting:

CRJ have 5 Mobile Picking Stations, packed with the latest safety features. Overband magnets are also available for



integration with these lines, allowing for the removal of ferrous metals.

There are 4 Mobile Air Separators from Steelweld, capable of processing fraction sizes of 10mm - 300mm, alongside 4 Steelweld Eddy Current Separators which remove ferrous and non-ferrous materials from a chosen waste stream.

CRJ also offer the Anaconda FTR150 stockpiler, boasting a 50ft conveyor ideal for feeding or truck loading.

Each machine is serviced every 250 hours by a team of 15 fully trained engineers in Knutsford. A service team of two service managers, five expert mobile engineers, in fully equipped vans are on hand to get you back up and running, with access to our £1.2 million spare parts inventory.

For more information on how CRJ Services can meet your mobile recycling equipment hire needs, call 01565 723886, or visit www.crjservices.co.uk.



Leading The Way In Mobile Recycling Equipment Hire

CRJ Services

- Short and long term self drive hires
- Fleet of over 70 units for Shredding, Screening and Sorting a large variety of waste streams
 - Expert service support team
- £1,300,000 worth of spare parts for servicing and for sale

Flexibility - Reliability - Credibility

SHREDDING



SCREENING



SORTING



Call: 01565 723886 Visit: www.crjservices.co.uk Email: enquiries@crjservices.co.uk

CRJ Services Ltd, Brook House Farm, London Road, Allstock, Knutsford, Cheshire, WA16 9LU

Fortis IBA Ltd select TEMA and Liwell® to upgrade screening technology at its Hampshire IBA Processing facility

Fortis IBA Ltd has recently invested in a Liwell® Flip Flow Technology Screen for their A303 IBA Processing Facility in Hampshire. The A303 facility currently processes 120,000 tonnes of bottom ash from Energy from Waste Facilities each year, transforming the ash into a sustainable recycled aggregate which is used in construction projects.

Fortis IBA Ltd, resourced the project internally, undertaking extensive research within the European materials separation technology markets prior to the investment. It was critical to ensure that the investment would significantly increase metallic extraction rates and improve processing efficiencies, whilst enhancing the engineering properties of the final IBA Aggregate products.

A series of trials were carried out using a number of different screening and separation solutions from the UK and Europe. After a lengthy evaluation process, Tema (Machinery) Ltd were selected to carry out further detailed trials at the A303 IBA Processing Facility using their mobile version of the Liwell® Screener. The

trials proved highly successful in meeting the expectations and requirements of Fortis IBA Ltd. The Fortis team were subsequently invited to the Liwell factory in Germany to negotiate and agree final specifications.

Supplied by Tema (Machinery) Ltd who are based at Woodford Halse, near Daventry, the Liwell® 2.0 x 6.0m double deck flip flow screening machine (Model LF2.0-5.76/18DD) was installed at the Barton Stacey site, close to the A303 in Hampshire at the end of December 2017.

The investment in the Liwell® Flip Flow Screener followed extensive on-site testing with the Hein Lehmann test facility with the design and build contract awarded to European Active Projects Ltd.(EAPL) of Southampton with final commissioning taking place in mid-January.





quality IBA Aggregates and the introduction of the Liwell® screen has refined our processes further. Successfully separating smaller IBA fractions improves recovery rates and reduces maintenance and downtime. We are delighted with the performance of the Liwell® screen and are achieving the anticipated improvements in recovery and efficiency."

History of the Liwell Screen:

The Liwell® screen was the first ever flip flow screen, invented by Hein Lehmann some 45 years ago, the innovative technology has seen many attempts to copy it over the years, but this application highlights the advantages the Liwell screen still has over the competition. The Liwell® principle ensures the mat is subject to at least 50g's acceleration, yet the screen itself is under very little stress, in fact just over 2g when operating. Liwell® machines are known for their longevity and it's quite common to come across old machines in the second decade or more of their service life.

Hein Lehmann and Tema (Machinery) Ltd are sister companies within the wider Steinhaus Group of companies, Tema look after the interest of Hein Lehmann and the Liwell® screen along with Siebtechnik GmbH here in the UK and Ireland.

For more information regarding Tema, please visit our website at www.tema.co.uk

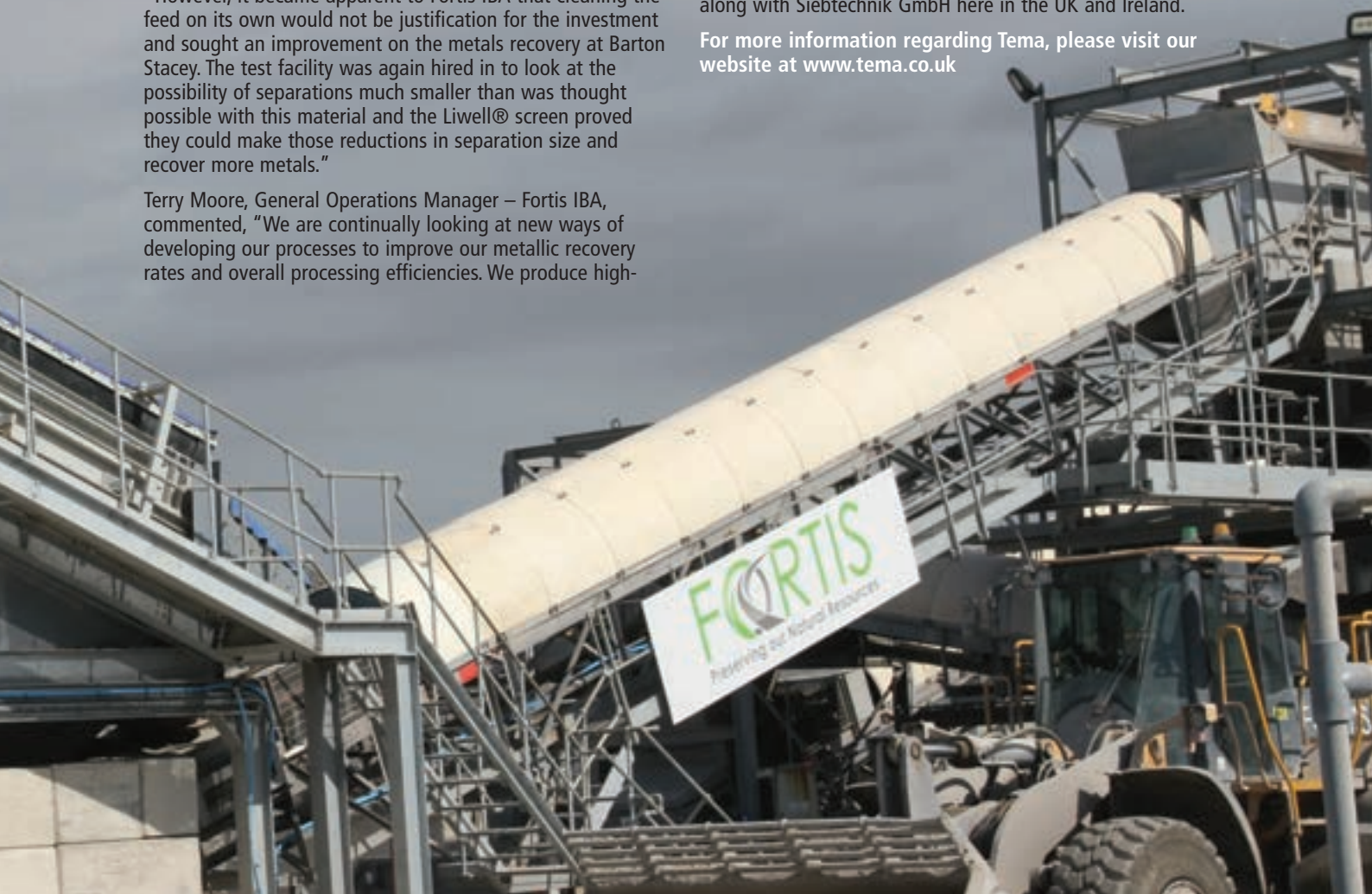
More efficient recovery:

Simon Parry-Jones, Sales Engineer for Tema (Machinery) Ltd, commented, "Initially, the remit was to clean the feed material entering the plant, but more specifically the feed to the -5mm Eddy Current Separators (ECS) which required frequent cleaning, which was impacting on process continuity and costs."

Simon, continued, "We invited Terry Moore, General Operations' Manager at Fortis to visit a similar facility in Germany to see many Liwell® screens operating on IBA and to draw on the German experience working at very small separations."

"However, it became apparent to Fortis IBA that cleaning the feed on its own would not be justification for the investment and sought an improvement on the metals recovery at Barton Stacey. The test facility was again hired in to look at the possibility of separations much smaller than was thought possible with this material and the Liwell® screen proved they could make those reductions in separation size and recover more metals."

Terry Moore, General Operations Manager – Fortis IBA, commented, "We are continually looking at new ways of developing our processes to improve our metallic recovery rates and overall processing efficiencies. We produce high-



Sweeptech Environmental Services Ltd benefit from a Canning Modular Conveyor System

Canning Conveyor have recently designed, fabricated, installed & fully commissioned three conveyor systems for Sweeptech Environmental Services Ltd (SESL) at their Henfield, West Sussex HQ.

SESL is a progressive ISO 14001 and ISO 9001:2008 accredited waste management business which is committed to delivering environmental and sustainability improvement within the communities it works.

Their environmental focus and delivery serves an extensive and diverse client base including Private, Public, Commercial and Airport sectors including being the UK's largest road sweeping and gully waste recycling processor.

Waste Stream Reception Facilities:

The scope of supply included three separate modular conveyor systems to convey a vincluding sand, shingle and organics to stockpile.

SESL innovatively process various authority waste streams which are diverted from landfill and delivered to the processing operation within the Old Brickworks factory. This incoming feed is processed and moved by loading shovel to stockpile. However, with a move to further enhance environmental and HSE benefits on-site and remove shovel handling a decision was made to install a conveyor system which would provide the desired benefits.

Canning Conveyor duly made a successful bid and supplied the perfect solution with three modular conveyor systems which were installed in January 2018 and commissioned the following month.

Dominic Jennings – Plant Manager for SESL, commented, "It was an ideal solution to our problem and we awarded Canning with the project which they completed successfully. It works efficiently, and we are very pleased with the quality and the build."

Sand conveyor system:

This system is capable of delivering 10tph (average) with a maximum of 15tph of sand at a bulk density of 1.6t/m³ and was constructed with Canning Modular Conveyors (CMC) This system involved two sections which receive sand from an existing sand screen through a screen discharge chute into the receiving hopper of the first 25m long – 19° inclined conveyor which in turn feeds material onto the second 19m long horizontal conveyor which then delivers to stockpile. This section included an 18m long walkway up to the drive end on one side only and around the head.

The sand conveyor system is supported by a suitably braced 'goal post' to ensure the drive end section of the first section and a further post at the tail end of the second section at the tail end over a roller shutter door.

Grit conveyor system:

This system is also capable of delivering 10tph (average) with a maximum of 15tph of grit (including rounded glass) and was also constructed with CMC. This system involved four sections which receive material from the discharge chute of existing processing machinery into the receiving hopper of the first, 7m long - 21° inclined conveyor which in turn feeds into a simple receiving hopper of a second, 19m long - 22° inclined conveyor. Material then feeds onto the



penultimate section into another hopper of a 22m long - 7° inclined conveyor which subsequently delivers feed into the hopper of the last section which is a 16m long horizontal conveyor which delivers the feed material to stockpile. This last section includes an 18m long walkway up to the drive end on one side only and around the head.

The grit conveyor system is also supported by a suitably braced 'goal post' to ensure the drive end section of the second section.

Organics conveyor system:

This system can deliver 10tph (average) with a maximum of 15tph of -100mm organic material and again constructed of CMC. This system consists of two sections which receive material from an existing picking conveyor. The first conveyor is 30m long and inclined at 14° and delivers feed into a simple hopper of the second 19m long horizontal section which subsequently delivers the material to stockpile.

This system is also supported by a suitably braced 'goal post' to ensure the drive end of the first section, and the tail end section which is supported over the entrance to the barn.

Canning Modular Conveyors (CMC):

The system installed at SESL was manufactured from rolled hollow sections to provide a light weight structure combined with high strength in tension. Cannoflex belt 600mm wide EP315/3 – 3+1.5 covers belting complete with site vulcanised joints was utilised throughout.

3mm thick deck plates were fitted in the load areas only and 10mm thick x 150mm deep rubber in the loading areas only.

Tension on all the conveyor sections is provided by a manual screw take up unit at the tail end of each conveyor and suitably guarded.

Covers were fitted to the underneath and sides with top covers to the exterior sections.

The specification also included primary and secondary scrapers with polyurethane fixed blades and emergency stop and release throughout.

102mm diameter 3-roller fixed angle troughing sets with a 35° wing angle set at 1m pitch were utilised; these were reduced to 0.33m pitch in the loading area. The return rollers were 102mm diameter, parallel type at 3m pitch.

The systems were all individually driven by a 4Kw helical geared motor driving a rubber lagged pulley, complete with backstop and torque arm.

Timberpak Scotland secures Haas Tyron 2500 shredder from UK distributor Matpro Machinery

Timberpak Scotland, a subsidiary of EGGER (UK) Limited, has acquired Scotland's 'first ever' Haas 2500 slow-speed shredder from exclusive UK distributors, Matpro Machinery Ltd. The industrial waste shredder will help to process 100,000 tonnes of waste wood a year at its recycling facility in Bellshill. As the largest of the Haas Tyron shredding range, the 2500 model was chosen due to its sheer ability to cope with Timberpak's ever increasing, incoming supply of waste wood.

Gordon Argo, Operations Manager at Timberpak Scotland commented; "After our previous shredder had run its course, we required a trustworthy replacement which could more than handle the fairly high tonnages we get through on a daily basis. It was also a crucial requirement the new shredder would consistently create uniform, downsized material, which was a major problem with our last shredder, as the larger material being created post-shredding was continuously being blocked by the magnet belts."

Talking about the Haas's performance so far, Mark Hayton, Director at Timberpak commented; "Absolutely superb. It has more than lived up to expectations. The large infeed area allows for greater tonnages to be processed at a single time and the independently operated shredding shafts are helping to produce high-quality downsized material. Working in conjunction with our picking station, we are now producing the cleanest, uniform material we have ever made."



Ben McQuaid, Director at Matpro Machinery Ltd commented; "We are again delighted to satisfy another longstanding customer and receive more positive feedback concerning the Haas brand. The Haas 2500 really is the perfect fit for a substantial waste wood processing business such as Timberpak and we are more than happy to see they are starting to witness both the functional and operational benefits in such a short space of time."



The Home Of
Material Processing Solutions

We supply...

Industrial wood shredders
Industrial waste shredders
Screeners
Trommels
Eddy current separators
Air separators
Recycling Systems



Proud exclusive distributor of...



Call: 01565 723886

Visit: www.matpro.co.uk

Email: info@matpro.co.uk

Matpro Machinery Ltd, Brook House Farm, London Road, Allostock, Knutsford, Cheshire, WA16 9LU

Selecting Pumps for Aggregate Recycling

Atlantic Pumps' Chief Marketing Officer, Bill Noakes looks at some of the pumping challenges in the recycled aggregates industry.

Recycled aggregates are an important source of supply to the UK construction industry, now making up over 28% of the total supply of aggregates, up from 10% in 1990. This market share is three times the European average.

Washing the Aggregate

A vital stage of the recycling process is to remove any unwanted material and produce a clean, graded end product. Large pieces of wood or plastic can be removed before crushing, but the most effective way of cleansing the material is by using water to flush out the rubbish and scrub the aggregate, typically in a wash plant.

Pumps used on Aggregate Recycling Plants

Clean water feeding from the lagoon or external sources is pumped using a standard centrifugal or submersible water pump. More challenging is pumping water around the plant when it contains the washed sediment, often abrasive material such as sand, silt and stone. This is where specialist slurry pumps are used, with quality replaceable wear parts designed to resist abrasive materials. Pumps with liners correctly specified for your application will last much longer than standard pumps in this environment.



Maximising your Investment

Remarkably, the purchase price only makes up 5% of the lifetime cost of your pump. Spares, maintenance and the energy used to run it make up the rest. Correctly specified pumps use less energy, breakdown less often, and the wear-parts last longer. Plus, you have to factor in the cost of downtime every time your pump breaks down.

In conclusion, correctly specified pumps in this demanding environment will lead to more uptime, more production and lower costs for your site.

The Right Solution For The Highest ROI



MCLANAHAN MODULAR WASH PLANTS

A modular line of proven processing solutions backed by a worldwide, unmatched customer service team. McLanahan - optimising processes through innovation since 1835.

 **McLanahan**

mclanahan.com



Flood defence wall in North Lincs... Legato blocks

In November 2017 Elite was contacted by Glyn Ellis, Field Team Leader, South Ferriby Depot of the Environment Agency (E.A.) with an urgent request for a large number of Legato blocks.

The E.A. had a need to construct a temporary flood defence wall in North Lincolnshire and they were looking for companies who could supply high quality, high strength blocks which didn't contain any recycled materials.



However the E.A. needed over 500 blocks to be supplied within a matter of days which would be used to protect the properties in North Lincolnshire from flooding. As Elite keep over 800 blocks in stock and are experienced in delivering large amounts of blocks over short periods of time they were the ideal choice.

As soon as the order was placed Elite began to dispatch the blocks to the E.A.'s yard in South Ferriby and Glyn's guys were reported to be some of the best at off-loading blocks that Elite's drivers had ever seen. The whole off-loading process is made safe and simple by the fact that each block has its own cast in lifting pin anchor – so for off-loading all that's required is a suitable machine with a chain and hook.

Once all 500 blocks had been delivered Glyn's team set about placing the blocks in strategic locations designed to prevent flood waters inundating local houses and businesses.

And then just a few days later the walls were in place and ready for the late autumn storms that were set to batter the Lincolnshire region.

As Elite's blocks are so durable – they will be ready to deployed at a moment's notice for any other E.A. requirements in North Lincolnshire and Elite are on permanent standby for any other requirements anywhere else in the UK.

Elite Precast Concrete offer a wide choice of blocks and barriers for a huge variety of applications – just browse www.eliteprecast.co.uk for more options.

For more information or technical advice, contact 01952 588885.



Elite Precast Concrete Interlocking blocks and barriers



ELITE
PRECAST CONCRETE

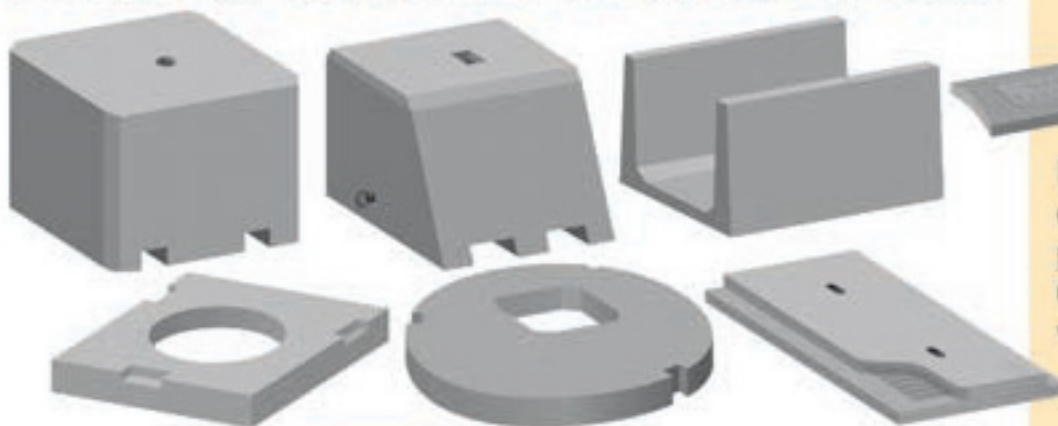
Elite Precast Concrete are one of the UK's leading precast concrete manufacturers. We have a huge range of 'semi-dry' and 'wet-cast' products which we supply to many sectors of UK industry. Every product we make is cast from the same premium quality, high strength (50N/mm²) concrete.

Elite are by far the largest UK manufacturer of interlocking concrete blocks which can be used for anything from temporary safety barriers to semi-permanent buildings. By offering three block types you can be certain that we have the solution you are looking for.

We offer a nationwide next-day delivery service and can provide a full turnkey package of services including design, transport and installation - all available through our approved contractors. All our products are conveniently available with both short and long term finance options*.

*Indicative 12 month Hire Purchase deals: £88 per month per £1000 which is 5.6%

Plus a whole lot more...



Interlocking block applications...

Bay walls & bunkers

Push walls

Salt storage

Firebreaks

Silage clamps

Radiation shielding

Kentledge/counterweight blocks

Embankment retention

Site security

Workforce protection

Ground safety



For more information on Elite quality concrete products phone us on 01952 588 885 or see www.eliteprecast.co.uk



YouTube



NEW
ORGANISERS
FOR 2018

12 & 13
SEPT 2018

NEC
NEC, BIRMINGHAM



RWM

IN
PARTNERSHIP
WITH



CIWM



THE UK'S LARGEST RECYCLING & WASTE MANAGEMENT EXHIBITION & CONFERENCE

PACKED WITH NEW SUMMITS, CASE STUDIES, PANEL DEBATES, SEMINARS, WORKSHOPS AND KEYNOTE TALKS, RWM HAS NEVER HAD SO MANY REASONS TO ATTEND

500

INNOVATIVE
EXHIBITORS

350

EDUCATIONAL
SEMINARS

CPD

ACCREDITED
WORKSHOPS

LIVE


PRODUCT
DEMONSTRATIONS

NETWORKING WITH **12,000** WASTE PROFESSIONALS • **FREE** ACCESS TO **5** ENVIRONMENTAL EVENTS

REGISTER FOR FREE TICKETS


WWW.RWMEXHIBITION.COM | [@RWM_Exhibition](https://twitter.com/RWM_Exhibition) | [#RWM2018](https://twitter.com/RWM2018)

Enquire about exhibiting: call Nick Woore on 0117 929 6083



Valley Spring®
Valley Spring is a member of the Springmaster Group

**SPECIALIST PRODUCER OF MEDIUM AND LARGE
DIAMETER COMPRESSION, EXPANSION
AND TORSION SPRINGS.**



Pottery Lane East, Chesterfield, Derbyshire S41 9BH
Tel: +44 (0)1246 451981 Fax: +44 (0)1246 454327
E-mail: sales@valleyspring.com www: http://www.valleyspring.com

PUNCTURES?

Our tyre sealants prevent up to 95% of all tread punctures.

No more costly downtime!



**AIR-SEAL®
PRODUCTS**

www.air-sealproducts.com
01823 674411
info@air-sealproducts.com

Advertisers Index

ACE	84	MAXIMUS	56
AIR SEAL	151	MCLANAHAN	147
ASPHALT BURNER SERVICES	28	METSO	106
ATLANTIC PUMPS	50	MILLER	14
BARRUS	46	MIT	112
BG EUROPA	22	MOLSON	83
BMI GROUP	108	MST	17
BRIMONN	107	OLIVIBRA	119
BRUCE	80	PARNABY	140
CASE	87	POWERSCREEN	94
CDE	32	PROCESS COMPONENTS	50 & 108
CMB INTERNATIONAL	66	PUK SERVICES	75
CMS CEPOR	48	QK CONVEYORS	92
CONMECH	86	QM&S	77
CONTINENTAL		RAPID	98
CRJ SERVICES	141	REQUIP	119
CRS NI	132	RUBBLEMASTER	136
CRUSHER SPARES	6	RUD	46 & 66 & 130
DERNASEER	84	RWM	150
DM WESTINGHOUSE	92	SANDVIK	FRONT COVER
DOOSAN	74	SCG	80
DUO	40 & INSERT 76	SCS	72
ECCO	115	SMILEY MONROE	88
ELITE	149	SMT	69
ERIEZ	60	SN ENGINEERING	BACK COVER
FINLAY GROUP	124	SUPERIOR	38
GWP	112	TDL	97 & 104
HARDOX	58	TELESTACK	70
HARPSCREEN	99	TEREX FINLAY	30
JCB	26 & 27	TEREX MPS	76
KIVERCO	130	TEREX TRUCKS	40
KLEEMAN	INSIDE FRONT COVER	TEREX WASHING SYSTEMS	HILLHEAD FRONT COVER
KTR	60	UWT	61
LIEBHERR	HILLHEAD INSIDE BACK COVER & 18	VALLEY SPRING	151
MARTIN ENGINEERING	HILLHEAD INSIDE FRONT COVER	VORTEX	34
MASTER MAGNETS	112	WARWICK WARD	11
MATPRO	146	WEIR	8

Dry Bulk Materials Handling, Equipment Design & Supply Specialists . . .

BULK STORAGE
SILOS & STORES

DUST CONTROL
& FILTRATION

LOADING
BELLOWS

MIXING &
BLENDING

SCREW
CONVEYING

PNEUMATIC
CONVEYING

ISOLATION & FLOW
CONTROL VALVES

PLANT & PROCESS
DESIGN

FOR FURTHER INFORMATION, CALL OR E-MAIL

+44 1452 725210

INFO@SNENG.CO.UK

