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Comment

News Update

- 04 Exclusive deal for Hill Engineering**
- 16 New Era Begins at TBF Thompson**
- 24 Powerscreen Celebrates 50th Anniversary**
- 28 China's Sunward to Enter NI Market**
- 93 The Future is in the Stars!**

Regular Features

- 26 Gordon Best, QPANI**
- 54 News from the CITBNI**
- 62 Hire News**
- 82 Agri-Plant & Equipment**
- 85 Auctions & Finance**

Special Features

- 42 A look back at Hillhead 2016**
- 58 QPANI Golf Day**
- 64 Volvo Trucks Committed to Construction Industry**
- 76 Sun Shines at Balmoral Show**

Sales & Services

- 52 The Terex TA400 ADT**
- 34 The Steelwrist Tiltrotator**

Sales & Services

- 95 Online Product & Services Directory**
- 97 Plant Sales**
- 102 Buyers Guide**

Uncertainty hangs in the air after the fall-out over the Brexit vote, and no more so than in this part of the world with many questions remaining over the future of the border. By default, the south of Ireland now finds itself the new 'gateway' to Europe!

Just what the implications will be, nobody seems to have a clear answer. As QPANI have pointed out, significant volumes of construction materials move across the border every day. Will there be border controls? Will there be new tariffs? What will be the possible commercial impact?

The only thing for certain is that Northern Ireland along with the rest of the UK will be leaving Europe – or will that actually happen? Someone will have to sign off Article 50 to begin the process, but it seems no one is in any particular hurry. We hear the financial markets don't like uncertainty, the construction industry even more so.

However, enough negativity! The recent Hillhead show provided some relief from the political turmoil. Indeed, the three day event attracted record numbers of visitors and exhibitors, despite the rain. This year saw more working demonstrations than ever before, creating some of the busiest live action ever seen at Hillhead, including no fewer than 14 excavators in new-look quarry face area at one point during the show. We have a comprehensive look back at some of the highlights.

Meanwhile, preparations are now well advanced for our Plant, Construction and Quarry Awards 2016, so with the deadline approaching, now is the time to start thinking about your participation because we would love to see you there! There are loads of different categories that you can enter – all you need to know is outlined elsewhere in this edition.

Well, that's all for now, but remember, you can keep up to date by logging on to www.plantandcivilengineer.com.

Justin Carrigan

General Manager

Email:

Justin@4squaremedia.net

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Justin Carrigan **General Manager** David Stokes **Group Editor** Darryl Magee **Publishing Consultant**
Joel Byers **Production Manager** Nick Stokes **Designer** Eleanor Blane **Accounts Manager** Helen Beggs, Garfield Harrison **Publishers**

Plant & Civil Engineer is Published by: **4 SM (NI) Ltd**, The Old Coach House, 12 Main Street, Hillsborough BT26 6AE
TEL: 028 9268 8888 FAX: 028 9268 8866 Email: info@4squaremedia.net

Construction milestone marked at new central Belfast office



A ceremony has been held to mark the "Topping Out" of Belfast City Council's new eight storey office building on Adelaide Street, being developed by McAleer & Rushe for the council on the former Clarendon House site.

Declan Boyle, chairman of Belfast City Council's Strategic Policy and Resources Committee, said: "Belfast City Council is committed to working with partners and stakeholders across the city to deliver Grade A office space in the city centre to attract new investors and businesses. Our new headquarters are testament to that commitment.

"We are delighted that McAleer & Rushe is delivering this project both within budget and ahead of time and commend the firm on their

continued commitment to Belfast. I look forward to the completion of the project, which will ensure our staff are located in a cluster with our other administrative buildings in the city centre."

Stephen Surphlis property director of McAleer & Rushe added: "We are very pleased to have reached topping out on this significant project. An achievement made possible through the hard work and close co-operation of Belfast City Council along with McAleer & Rushe's Design and Build team.

"We look forward to continuing this excellent working relationship and the successful completion of this 100,000 sq ft (NIA) Grade A office development, on programme, ready for the council's occupation by the end of this year."

(L-R) Eamon Laverty McAleer & Rushe Chief Executive; Cllr Declan Boyle, Chairman of Belfast City Council's Strategic Policy and Resources Committee; Seamus McAleer McAleer & Rushe Chairman and Stephen Surphlis McAleer & Rushe Property Director.

Hill Engineering secures exclusive deal with MV Kelly

Newry based Hill Engineering has recently secured a significant deal with Birmingham based civil engineering company MV Kelly to act as sole supplier of Hill TEFRA couplers and bespoke buckets for the company's fleet of Hitachi excavators.

MV Kelly celebrated 20-years in business in 2015 and made the top 100 UK construction companies (by sales) in a Construction News Report. The company carry out groundworks, road, sewers and associated infrastructure for blue chip housebuilders and has completed over 500 projects since it began in 1995. MV Kelly's excavator fleet comprises exclusively of Hitachi and they have in the region of 300 machines. Hitachi has been the firms preferred brand since the company's inception. "There are four main reasons for purchasing Hitachi," said MV Kelly's Plant Manager,

Doug Curran, "ability, reliability, service and residual value."

The company were seeking similar qualities when they were looking for a new supplier of hitches and buckets to support its Hitachi fleet.

Mr Curran said, "We were recommended to Hill Engineering by Hitachi, who are very familiar with Hill's ability for quality bespoke engineering. We have specific requirements for our buckets and all are modified to our own specifications."

Hill Engineering's technical team flew over to Birmingham to meet M V Kelly's operational management and operators.

Mr Hill worked from the parameters with his engineers back at the factory in Newry and after some extensive R&D, a solid bucket design was created, which was the perfect design for MV Kelly – this successful modification and the quality of the fabrication secured the deal for Hill Engineering.

Mr Curran reported, "We felt that the standard Hill's bucket

was definitely made from all the right materials, and whilst not fabricated to our requirements, a good starting point. The widths of the buckets that we use are standard, however, the modification entails alteration to both the shape and fabrication structure of the bucket, which is bespoke to our works, as opposed to being generic earthmoving type buckets, that are generally standard issue with these sizes of excavator.

"In conjunction with our most experienced operators, we modified both the depth and curvature of the buckets, such that we are better able to dig square cut foundations more easily and speed production. Additionally, we altered the wear straps so that they are better spaced and seam welded all the way across to the side plates of the bucket for added strength and longevity. Our capacity has also been increased, again to aid production / cycle times and finally we revised the cutting edges fitted to the grading and smaller digging buckets."

Added Hill Engineering Managing Director, Ian Hill: "I am delighted that our innovation and tailored service has been recognised by MV Kelly. It reflects our commitment to our clients both locally and globally.

Our TEFRA and TITAN product ranges are built with our clients in mind to increase productivity and safety on site. Our unrivalled after sales service also gives our clients the peace of mind that they have chosen to work with the best manufacturer of hitches and buckets on the market."

The buckets were supplied with Hill's TEFRA Coupler – this is also a first for MV Kelly and the company's fleet! "This is the first time we have used the Hill coupler," said Mr Curran. "Initial reports have been very good. Our operators have reported that the operation (opening and closing) time of the coupler is much quicker than others, and they are a strong and very well made hitch. The design and location of the lifting eye mounted centrally is also perfect for our operations."

MV Kelly has taken delivery of its first 60 sets of buckets and couplers and a further 100 are on order – the deal is said to be worth in the region of £1.5million.



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DS Hammers Named Top Stelco Dealer in UK & Ireland

Clough based DS Hammers has received Stelco's 'Dealer of the Year Award,' beating off stiff competition from other dealers across the UK and Ireland.

The Stelco range of hydraulic rock hammers remains the top selling brand here, thanks in no small measure to the efforts of DS Hammers who were appointed All-Ireland dealers four years ago.

The company is headed up by Darryl Rogan who is delighted with the recognition from Stelco; he was presented with his award at a recent ceremony at Stelco's UK headquarters in Chesterfield.

"The Stelco brand was not very well known here when I initially took on the dealership, but with the help of others in my distributor network such as Ballyward Plant Services in County Down, Cormac Cogan Plant Sales, based in County Kildare, and D.A Forgie who cover Donegal and the North West of Ireland, we have significantly increased its profile," says Darryl.



Darryl Rogan (centre) is pictured here receiving his award from Stelco's John and William Sissons.

"Together, we have all worked tirelessly to firmly establish the Stelco hammer range; the product just can't be beaten on price, quality and reliability. We have now some of the biggest utility and civil engineering companies as part of our growing customer base."

Stelco's wide range of hydraulic hammers are designed to suit excavators from 0.5 - 70 tonne and the company is constantly

developing new products to maintain cutting edge technology in order to meet the requirements of what is a demanding industry.

All Stelco tools are manufactured from the finest raw material and are subject to the very best state-of-the-art heat treatment process. This provides the customer with a tool that can confidently meet the brutal demands of breaking rock.

All hammers in the range feature advanced hydraulic technology that allows lower oil flows than other hammers, thus achieving optimum excavator performance and reduced fuel consumption.

Innovative dampening materials within a fully enclosed robust structure minimises noise pollution and improves operator comfort, while Advanced Valve Control technology enables the hammer to be adjusted to achieve optimal working conditions; long stroke with maximum power or short stroke with maximum frequency.

Integral to the success of the DS Hammer dealership is the fact that the company maintains a high level of stock, which means availability is rarely a problem - and that makes for good business as down-time can cost the customer money.

Staff, too, are extremely knowledgeable with many years' experience in hydraulic hammers, a fact that also appeals to customers who clearly appreciate dealing with people who know what they are talking about!

DS Hammers, of course, provides a complete after sales support to customers across the island of Ireland, with a full repair and re-conditioning service.

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Weidemann Chief Celebrates the Success of Weidemann Ireland



Weidemann Ireland recently welcomed Weidemann GmbH Managing Director Bernd Apfelbeck, and Regional Sales Manager Alex Jaegemann to their County Antrim based headquarters.

Mr Apfelbeck planned his first visit to Ireland to highlight the commitment and support Weidemann Ireland have from Germany.

Due to the huge success of the Weidemann brand in Ireland over

recent years, he was keen to spend time with the Directors and Managers of Weidemann Ireland to ensure the brand continues to grow from strength to strength.

"I would like to congratulate Weidemann Ireland on their success in penetrating the Irish market. As a company we are totally committed to the Irish market, in terms of sales, service and parts and we are delighted to be able to continue with a

strong long term Weidemann partner in the country," he said.

Weidemann Ireland, the exclusive Irish distributor for Weidemann machines supplying dealers throughout Ireland, was founded in 2009. Since then the dealership has grown to a network of seven, with each dealer having access to the extensive and versatile range of telehandlers, wheel loaders and the electric eHoftrac. This has enabled the brand to take a strong foothold within the local agricultural, horticultural and equestrian sectors.

John Wilson, Managing Director at Weidemann Ireland said:

"Weidemann is a strong brand that is already well established in the Irish market. We have the necessary experience with the Weidemann product range in a developed market environment, and therefore know how to address our customers' needs in order to be successful. The brand itself is number one in Germany. We are working hard to grow the brand in the Irish market, and Weidemann is already giving competing brands a run for their money. A German built, reliable machine that suits our customer needs and we have no doubt that it will continue to grow within our marketplace."

Weidemann Ireland Sales Manager John O'Boyle planned a number of customer visits throughout the two day trip, as Mr Apfelbeck was keen to see Weidemann at work during his time in Ireland. Firstly the group travelled to Clough to see dairy farmer John Gaston putting his new T5522 to work around the yard. John purchased his T5522 the week before, and is delighted with how it is performing for him. The machine itself was tailored made to suit John's requirements and thanks to the numerous options available from the Weidemann factory the machine suited his needs perfectly. The Weidemann T5522 will be used for many jobs on his farm, such as feeding the cows and cleaning out the calf pens, a job which proved very difficult when previously using a tractor and loader! Now thanks to the low cab which allows easy access to the pen, and 4WS for better manoeuvrability, he is saving time on a daily basis. Weidemann Ireland worked hard to ensure John made an informed decision when it came to purchasing his new T5522, between demos and adapting features from other models, but the end result is a

very happy customer and that's the most important thing!

Next they visited Broughshane poultry farmer and owner of a 2070LT David Kernaghan. David purchased his Weidemann over a year ago and hasn't looked back since. After seeing the 2070LT model working on his farm by Moy Park, who run 5 of these machines, David could see the benefits for his farm.

The Weidemann is now an essential piece of equipment for David and is put to great use on a daily basis completing various tasks, both efficiently and effectively. David originally had a skid steer which completed approx. 400 hours per year, and one year on from his 2070LT purchase he has clocked up approx. 750 hours, a true reflection of the wide variety of jobs a Weidemann can do.

Mr Apfelbeck and Alex also visited the Greenmount Campus of CAFRE (College of Agriculture, Food and Rural Enterprise). Mr Apfelbeck was keen to spend some time at the Campus, as in November 2015 a group of selected students from Greenmount visited the Weidemann production plant in Korbach, Germany. William Richmond from Greenmount completed an in-depth tour of the campus, which enabled the visitors to see how the next generation of farmers are putting Weidemann machines to good use as part of their practical studies.

A Weidemann 5080T is currently used to actively train students, and farmers alike, in various courses such as the Safe Handling courses. Greenmount also recently purchased a Weidemann 1160 eHoftrac, for use in their greenhouses and walled gardens. "Our visit to the Greenmount campus has left quite an impression and given us an insight into modern high end agricultural practices. We would like to thank William for taking the time to introduce the campus to us," said Mr Apfelbeck.

He added: "We are highly impressed by the professional set up of Weidemann Ireland. Sales, marketing and aftersales departments are dedicated to meet customers' needs in a demanding modern agricultural market. They have the right focus and are successfully continuing to gain market share in Ireland. Modern Irish farming practices are an ideal environment for the innovative Weidemann machines."



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Mar-Train Moves Giant Crushers On Five-Axle Extending Step Frame

Northern Ireland-based abnormal load specialist, Mar-Train Heavy Haulage, has taken delivery of a new five-axle extending step frame trailer, following the excellent performance of an almost identically specified unit delivered three years ago.

The 85-tonne gross weight trailer will be used to transport heavy-duty quarry equipment, including Terex crushers and screeners, around the UK and Europe.

Mar-Train Managing Director, Tim Martin, says: "We keep returning to Andover Trailers because they are always able to supply a trailer built specifically to our needs. We work within an extremely specialist environment and due to the sheer size of the equipment we move, its essential we have a trailer that can really stand up to the rigours of the job.

"We have had multiple assets from Andover Trailers since our first order back in 1993. The delivery of this latest unit continues the long-standing business relationship between our two companies."

The 14.95m step frame is equipped with a low profile neck and has the ability to extend by 2.5m

to accommodate longer machines – providing maximum flexibility for Mar-Train. Extending via two outer box beams the trailer offers higher strength precisely where it is required, supporting heavy machinery directly under the tracks.

The new trailer's specification includes three fixed and two self-tracking steer axles, each manufactured by BPW and rated to 12 tonnes. BPW air suspension with raise/lower control is also fitted and can be used to lower the trailer for loading and unloading.

Additional features include Andover Trailers' heavy-duty hydraulic power toe ramps which provide a low loading angle and four heavy-duty hydraulic steady legs to guarantee a stable loading platform. The trailer also benefits from galvanised side extensions, plus a convenient storage compartment for the side-extension timbers in the centre of the deck.

Andover Trailers has equipped the extending step frame with all round LED lighting and installed steel underlays to the beavertail and ramps to extend the life of the flooring timber.

Business Continues to Expand at Rock Tool Hire

Rock Tool Hire continues to expand its customer base as the family owned concern takes on a new look and a fresh approach to business.

Established in 1997 to primarily serve the greater Armagh area, the company based on the Rock Road now attracts trade from the south of Ireland and as far away as England and Scotland.

Stephen Lavery recently took over the day to day running of the company founded by his uncle John who firmly remains an integral part of the business, having built up a loyal and varied customer base in the construction and gardening sectors over the years.

Rock Tool Hire, which offers a large selection of tools and equipment, including dumpers and diggers, has undergone a revamp over the last few months, introducing a wider range of stock as well as establishing a 24/7 emergency call out service. "We strive to offer the complete package to all our customers, whether it's tool supply or machinery demonstration or just some expert advice, our aim is to provide them with the right equipment to get the job done," says Stephen.

He adds: "We regularly refresh our hire stock as customers understandably expect the latest tools and machinery. Indeed, we

are currently awaiting the delivery of several new mini diggers and we have also recently added some new ride-on lawn mowers."

The company, which provides a delivery and collection service for customers as well as a 24/7 vehicle and machinery recovery service, can even provide an operator with digger hire if needed.

Both Stephen and John adopt a hands-on approach to the business and both also have extensive knowledge and expertise in servicing and repairs, enabling them to offer customers support that is fast, efficient and effective.

"You just never know when machinery or a piece of equipment is going to let you down, but our customers can be sure that help will only ever be a phone call away, even out of hours, and that is especially important in the construction industry where unnecessary downtime can be potentially costly."

That was recently well demonstrated when a customer rang one evening to report a burst hose on his own digger. Equipped with a mobile crimping machine, a service engineer travelled to the site, made up a new replacement hose so that the machine was ready without any interruption to the following working day. That's what you call service!

Sudden Death of Marketing Manager Manitou Ltd UK

Paul Bidwell, Marketing Manager of Manitou UK Ltd, has died suddenly at the age of 58.

Paul was a well-loved member of the Manitou UK staff and had been with the company for over 25 years.

Jonathan Tapp, Managing Director, conveyed the feelings of the company by saying, "Paul was a well loved member of the staff here at Manitou and so I am sure you can appreciate we have lost a dear and valued colleague and our thoughts go out to all Paul's family and friends."



Paul Bidwell

Brian Bradford, Managing Director of Manitou Dealer Northern Lift Trucks (NI) Ltd, added, "It was with great shock and sadness that we learnt of the recent untimely death of Paul Bidwell. I have known Paul since he started with Manitou in the Sales Administration Department more than 25 years ago. Paul was a kind, good hearted man who was well liked by everyone in the industry. Our thoughts and prayers are with his wife and family at this difficult time. He will be sorely missed."



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New Categories & Sponsors for Annual Plant & Civil Engineer Awards

With new categories and new sponsors, this year's annual Plant, Construction and Quarry Awards promises to be another record breaking event.

With the deadline for entries just weeks away, NOW is the time you should be considering putting forward submissions for any category relevant to your activity, be it in quarrying, construction, plant hire or other associated sectors.

There are 17 categories in all, covering virtually every sector of the plant, construction and quarry industry, ranging from Specialist Contractor of the Year and Innovation of the Year Award to Tipper Driver of the Year and Plant Hire Company of the Year. You'll find a full list of categories and sponsors elsewhere in this magazine issue, together with details on how to enter.

Apart from receiving a beautiful and much sought after cut glass trophy, you will also benefit from the industry-wide recognition and prestige that comes with such success.

Taking place once again at the Ramada Hotel in South Belfast on the evening of Thursday,

November 24th, 2016, the event is designed to be a celebration of your hard work and determination, of your continued investment in people and products, in innovation and latest technologies, and in the strength of the partnerships you have developed.

Entering is simple and fast and you can do it online. You don't have to be nominated for any awards, just enter yourself or your company directly, but if you also want to separately nominate any company or individuals other than your own, you can do so.

As tables for the gala dinner and awards presentation - and overnight accommodation at the hotel - are traditionally booked up very quickly, we would advise you to start making plans so as not to miss what will be a night never to forget!

We want YOU to be a part of that. As we mentioned, you'll find all you need to know elsewhere in this issue of Plant & Civil Engineer and online at www.plantandcivilengineer.com. Alternatively, call us on 028 9268 8888 for more information.

WAC McCandless Now Full Line Atlas Copco Dealer

Atlas Copco have appointed WAC McCandless as their Dealer for the Full Line of construction products.

The move follows what has been a very successful period with Atlas Copco's ranges of compact rollers, pavers, compressors, lighting towers, hydraulic breakers, compaction plates and other product lines.

Now, as a full line dealer, WAC McCandless will be able to offer its customers a whole new range of Rig Mounted Demolition Attachments, including rockbreakers for 0.7 to 140 ton machines, demolition combi cutters, demolition and bulk pulverisers, crusher buckets, drum cutters, multi grapples, trench compactors and hydro magnets.

In addition, parts and service support will also be provided for the Atlas Copco range.

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BPS Expands into Republic with Giant

Following on from a very successful first year in Northern Ireland With a good number of sales already south of the border, Ballyward Plant Services in conjunction with Purcell Plant based in Naas Co Kildare, are expanding into Southern Ireland with the ever growing range of Giant Mini Loaders, Skidsteers, Telehandlers and Attachments.

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CQMS Bigger & Better for 2017



CQMS'17, Ireland's largest construction and quarrying machinery show, will take place on April 21st and 22nd 2017 at Molloy's Quarry, Tinnycross, Tullamore, Co Offaly.

This demonstrative bi-annual show, supported by the Construction Industry Federation, will bring together the industry leaders in construction and quarrying showcasing over €70 million worth of new machinery on offer in Ireland.

Following the resounding success of Ireland's Construction and Quarry Machinery Show in 2015, there is a considerable appetite for CQMS'17 which will have 35% more exhibition space and will occupy 100,000 square meters with 200 exhibitors, 2 live demonstration zones, a new machinery launch zone and an exciting air show on Saturday for visitors. Up to 8,000 visitors are expected with a large overseas delegation.

The show will offer buyers and sellers an opportunity to see machines at work with two large live demonstration zones as well as a new machinery launch zone with latest technology and innovation from



manufacturers and a unique opportunity for international buyers to do factory visits.

Brendan Crowley, AIB Finance & Leasing said: "AIB Finance & Leasing are proud to back this event and look forward to an exciting show, we have a history of support and commitment to this sector and look forward to ongoing collaboration into the future."

New forecasts from the European Commission show Ireland will continue to remain the fastest growing country in the

euro zone this year. The construction sector accounted for approximately 6.9% of GNP in 2014 and is expected to reach a value of 12.5 billion or 7.5 per cent of GNP in 2016.

Irish construction activity increased at the fastest pace in nearly 16 years in February. It has now increased every month for the last two-and-a-half years and the rate of job creation is increasing at the fastest pace since October 2014.





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Alan Espie, Raymond Crilly
and Seamus Doherty

A New Chapter Begins at TBF Thompson

TBF Thompson (Garvagh) Ltd has entered a new era following a management buy-out coinciding with the retirement of Managing Director Andy Magowan after almost half a century with the company.

The new Managing Director is Raymond Crilly, who previously filled the role of Financial Director. He, along with fellow directors Alan Espie and Seamus Doherty, completed the management buy-out just a few weeks ago.

It's the second management buy-out the TBF Thompson group has undergone since it was first established in 1953; the first was back in 1999 involving both Raymond and Andy.

"We have exciting plans for the future of the company," says Raymond. "The support we have received has been tremendous and we are delighted to have retained all of the major franchises – DAF Trucks, Hitachi excavators, Bomag rollers and compaction equipment, Thwaites dumpers and Palfinger cranes.

"It's business as usual. There will be no major changes, in fact we will be looking at ways to grow the business to ensure profitability, stability and continuity of employment. Our aim is that the TBF Thompson name will continue to be at the forefront of the plant and commercial vehicle business in Northern Ireland for many years to come."

There are four depots in TBF Thompson group - two in Mallusk, one in Portadown

and the local Plant and Commercial site in Garvagh - and they will continue to operate as normal under the new leadership.

The group employs around 150 people and says Raymond: "All of the staff have been very supportive as have our customers and together with both Alan and Seamus, adding continuity and stability, we are looking forward to further growing the business."

Extra focus will be put on the plant division where some areas have been identified as having more potential for growth, especially in the quarrying, construction and waste management sectors.

"Indeed, we have recently strengthened our sales team in the plant division with the appointment of Ian Campbell, no stranger to the industry. He will be overseeing plant sales for the Co. Armagh, Co Down and Greater Belfast areas."

The parts department has also been reinforced with the appointment of Charlie Kinney, who has a wealth of experience in the industry. He will be focusing on 'all makes' parts to serve customers in the County Antrim and Londonderry areas.

Three new apprentices are also being taken on to service the truck business, and adds Raymond: "Our truck division is performing strongly and we plan to further increase our market share locally. DAF in the rest of the

UK is, of course, performing exceptionally well, with a lot of business being done with large fleet operators which we don't really see in Northern Ireland, but there is great potential to grow our share here, and that's what we are striving to do."

Last year, DAF Trucks celebrated the 20th anniversary of its partnership with TBF Thompson. Since taking on the DAF franchise in August 1995, it has become one of the most successful outlets for the DAF brand in the UK, delivering well over 4,000 new trucks and selling millions of pounds of replacement parts.

In marking that 20th anniversary, DAF Trucks' Managing Director, Ray Ashworth commented: "TBF Thompson is an excellent example of how relationships can flourish and can result in long-standing business partnerships - not just between dealer and manufacturer, but, more importantly, with local operators.

"It's no mean feat to have built up a successful business, particularly over the last decade! We have an established presence in Northern Ireland commanding some 25% of the market, and I know the brand is in safe hands for the next 20 years with TBF Thompson."

Andy Magowan Calls Time on a Long and Successful Business Career

The retirement of Andy Magowan, one of the longest-serving members of TBF Thompson, marks another milestone in the illustrious history of the company, as Plant & Civil Engineer's David Stokes reports.

A driving force behind the successful growth and expansion of the business, Andy served as Managing Director since 1999, having first joined as an assistant accountant 30 years previously, in all amounting to close on a half century with the company originally established by Thomas Bacon French Thompson in 1958.

The new management team, headed up by Raymond Crilly, has wished Andy a long, happy and healthy retirement. "We would like to give Andy our sincere thanks for all of his hard work, advice and encouragement over the years."

For his part, Andy, a lifelong friend of the team here at Plant & Civil Engineer, tells us: "I have left the business in good and capable hands. Naturally, I am sad to say 'goodbye' as I have made many, many friends down through the years, staff members and customers alike.

"TBF Thompson has been a big part of my life over the last 47 years. I was involved in every part of the business and I will miss all of that, but it was time to hand over the reins to the new management team; it was a very cordial affair and I wish them every success in the future."

Andy, of course, has witnessed many changes in the industry down through the years, with innovations and new technologies constantly emerging in truck and machinery manufacturing; keeping in tune with those developments and adapting to market forces has played a vital role in growing the business.

Diversification has also been instrumental, with Andy first successfully negotiating and introducing new franchises and product ranges and then steadily building and expanding new customer bases in the truck, plant and machinery sectors.

When he joined TBF Thompson in 1969, his abilities and talents didn't go unnoticed and he steadily rose through the ranks to Director in 1974, Divisional Managing Director in 1985 and then head of a management buy-out team in 1999 from then owners CRH PLC.

With interests spanning across local trade, education, agriculture and sports, Andy has held prestigious and influential positions in many areas, demonstrating a deep-seated interest in Northern Ireland's economic future.

Suffice to say that no one but Andy himself was surprised when he was awarded an MBE in the Queen's Birthday Honours List last year for his service to economic development, having long played an influential role in Northern Ireland commerce.

Now 71 and long past the traditional retirement age, among the many and varied posts Andy has held – and some he still does – include Board Member & Chairman of Coleraine Local Action Group for Enterprises; Board Member & President of Coleraine Borough Chamber of Commerce; Council Member of Royal Ulster Agricultural Society including Chairman of the Kings Hall Exhibition and Conference Centre; Vice Chairman of the Trade Exhibits Committee; Governor of both Garvagh Primary School and Garvagh High School; and Director and President of his beloved Coleraine Football Club.

He says retirement will mean he can devote more time to his family, especially to his two sons who live in Scotland. He also plans to pursue his interests in First Garvagh Presbyterian Church, and further develop his links with the football club in Coleraine.

A father of three originally from Ballynahinch in County Down, he was given a standing ovation when voted our sister magazine Export & Freight's Transport Personality of the Year in 2015, and commenting back then, he had this to say: "I had absolutely no idea this was coming. I am lost for words."

And he had this advice for being a success in business: "There is no substitute for hard work. Be first in every morning and last out every evening – and work Saturdays!"

It's a philosophy that has served Andy Bell Magowan admirably through the years and although he says he has no immediate plans for a celebratory luxury world cruise – he's not ruling anything out – here at Plant & Civil Engineer, we want to join in with the staff at TBF Thompson and everyone in the industry to wish him nothing but good in his well deserved retirement.



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


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Atlas Copco's RTEX breaks the mould

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Atlas Copco says its new RTEX handheld pneumatic breaker can deliver huge savings as it reduces energy consumption by 50% whilst achieving record high breaking efficiency.

Thanks to the invention of a new operating principle known as Constant Pressure Control, the RTEX offers a 50% reduction in compressed air consumption for the same breaking capacity. This means that a compressor only half the size is needed, or that two breakers can be used on a compressor which previously powered just one breaker – resulting in less investment in the compressor, reduced fuel consumption, easier transportation, and lower emissions.

Weighing only 25 kg, the RTEX has the breaking performance of top class 30-35 kg breakers. As well as being five to ten kilograms lighter than a traditional breaker, RTEX is more compact which makes it easier to work with in tight areas and it offers a more comfortable working position.

Stiff handles ensure the operator benefits from the RTEX's full vibration reduction measures regardless of how hard they push down on the handles. Combined with the Sofstart™ function, the stiff handles also make it very easy to control the RTEX particularly when making that crucial first cut.



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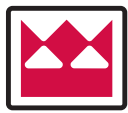
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TJC Sand and Gravel & Ormonde Machinery

The village of Claudy near Derry City, was originally named from the Irish "Clóidigh" meaning washing river, most likely referring to the fast flowing Faughan River. This is the location of TJC Sand and Gravel's pit and the place where Trevor Mulhern started his business in 2010, when washing sand and gravel and building a business during one of the biggest recessions on record took considerable vision and determination.

This poor economic outlook did not deter Trevor whose lifetime goal was to run his own business. After several years' of working in the extractive industry that's exactly what he did and TJC Sand and Gravel was born. The company supplies high quality sand, gravel, topsoil and decorative stone products to a broad and geographically diverse range of customers. The unique properties of the material from TJC's extensive deposits make the finished products highly regarded among some of the largest concrete product manufacturers in Ireland. Through continued investment in new equipment and innovative product designs, TJC



Trevor Mulhern (TJC Sand & Gravel) & Raymond Murphy (Ormonde Machinery)

have carved out a strong name in the sector and have ambitious plans for the future development of the business. Today with a dedicated workforce and a growing customer base on both sides of the border TJC are going from strength to strength. That growing strength was validated by an increase in demand and a requirement to invest in new equipment to keep up with production requirements. When making such a significant investment, TJC considered various suppliers of machines on the market and decided to go with a Terex

Finlay J1170 Jaw Crusher and Terex Finlay 873 Screener supplied by Ormonde Machinery. Terex Finlay have a strong name in the manufacture of mobile crushing, screening, washing and recycling equipment having experienced multi-million pound investments in innovative new products by its parent company Terex over the past number of years. This has led it to becoming a much regarded brand both locally and globally with a well-established and rapidly expanding dealer network internationally. For Trevor the key word was versatility and the versatility provided by these two machines meant financial savings for his company. Both machines have performed well and exceeded expectations from the outset with notable increases in production output and quality of the finished products. Trevor Mulhern commented: "With the ability to change the CSS at the press of a button and the speed of the Crusher in seconds, this makes the machine very versatile when different product specifications are required. The versatility of the Finlay 873 Screen also allows for many applications, from screening at the face, before or after the jaw or cone



crushers, and the ability to screen top soil, have reduced the need for several different screens to facilitate my operations."

The Terex Finlay J-1170 is a compact and aggressive tracked primary jaw crusher. The heartbeat of the machine is a robust hydrostatically driven Terex jaw chamber which provides high capacity with large reduction ratios. The jaw chamber configuration can be set up specifically for quarrying applications or processing construction demolition debris using the hydraulic release chamber option. It also features a heavy duty variable speed VGF and integrated prescreen giving excellent production throughput in quarrying, mining, demolition and recycling applications. Notable options include a variable speed pan feeder along with an independent prescreen system. The J-1170's 48.8 tonne / 107,585lbs transport weight and compact dimensions mean lower transport costs between and within crushing sites.

Key features include:

- The robust high performance hydrostatically driven single toggle jaw chamber provides high capacity with large reduction ratios.
- Automatic variable speed VGF ensures continuous choke feeding of the crushing chamber for optimal productivity.
- High powered hydrostatic drive ensures precise chamber control and reverse functionality for clearing blockages and assisting in demolition and recycling applications.

- Hydraulically assisted closed side setting adjustment minimises downtime and offers quick adjustment.
- Its compact size, quick set up times, ease of transport and user friendly operational features make the J-1170 ideal for all sized operators.

The Terex Finlay 873 Scalping Screen is ideally suited to working in aggregates, sand and gravel, top soil, construction demolition and recycling applications. This highly versatile machine can be fed either by a tracked mobile crusher, shovel or an excavator and has the capacity to process at a rate of up to 450 Tonnes per hour.

- Aggressive 12' x 5' top and bottom deck screenbox
- Screen box angle can be hydraulically adjusted to an angle between 13° to 19°.
- Screen box discharge end raises hydraulically 500mm to facilitate mesh changing.
- Screen box can accept punch plate, cascade fingers, bofar bars and speedharps.
- Galvanised access catwalk on both side of screen.
- Oversize conveyor angle can be adjusted from 18° to 24°.
- 1.2m wide Belt feeder complete with 7m³ manual folding hopper.

For any company making a capital investment decision is significant, and choosing the right partner is a key consideration. For Trevor Mulhern keeping

production levels maximised and mitigating any down time was a key consideration "I chose Ormonde Machinery and the Finlay products due to the proximity of the manufacturing base, and good relationship I have built up with Ormonde in the past two years. For us after sales service and the ability to respond quickly was a paramount consideration"

As the sole dealer for Terex Finlay, Edge Innovate, Portafill, Bruce Washing, Rapid International and Matec in Ireland, Ormonde Machinery are a leading supplier of materials processing equipment. With over 50 years' combined working experience in the construction, mining, quarrying and recycling industries, the company has established a strong name and market presence. With locations and personnel both in Northern & Southern Ireland the company is well placed to meet the demands of customers. Ormonde prides itself on its ability to supply quality construction, mining, quarrying and recycling equipment, but also on its flexibility and ability to respond to customer needs with the best solutions to meet their business objectives. With extensive local and industry knowledge, the company understands the requirement to respond quickly, be it for quotes, after sales support or ongoing technical service.

**Contact Ormonde Machinery
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Powerscreen Celebrating 50 Years Of Service To the Industry

Powerscreen, one of the world's leading providers of mobile crushing and screening equipment, is marking half a century of serving the crushing and screening industry around the world.

Established in 1966, Powerscreen has achieved its five-decade legacy through industry leadership, customer input and innovation.

Powerscreen was founded in 1966 under the name of Ulster Plant in County Tyrone, Northern Ireland and today that is where the research, development and manufacturing of products

continue. By the 1970's the Powerscreen name was born.

When the founders set up Powerscreen in 1966 they pioneered the concept of mobile screening, taking the machines to the quarry face rather than the expensive process of moving the material to the machine.

In 1969 Powerscreen exported their first machine to Sweden which cost £2.5k. Today Powerscreen has a true global presence, operating in worldwide scale in over 80 countries. In 1966 Powerscreen employed eight people, now that figure has risen to six hundred people producing a range of over thirty machines.

Powerscreen started out from mobile machines in a sand pit to industry leading machine designs now serving quarry, mining, C&D and recycling industries globally. Powerscreen not only pioneered the mobile machine concept but also set new standards for many products and technologies that have become widely adopted in the industry, including the Chieftain and Warrior ranges of mobile screens. In 2015 Powerscreen launched the Warrior 600 making the Warriors the most comprehensive range of mobile scalping units in the industry.

"From Ulster Plant to serving customers around the world today, Powerscreen is the story of teamwork. Our customers have trusted us and helped us to build and define the industry, as well as creating ways for people to work safely. It is through teamwork that we will continue to find new solutions and opportunities," said Colin Clements, Powerscreen Product Line Director.

In the last 50 years, Powerscreen has gone above and beyond in its product development efforts, focusing on what customers need to be successful in their industries and applications -



Colin Clements, Global Product Line Director beside a 1966 MK1 screening machine. This was the sixth machine built and remains a permanent feature at the front of our Dungannon Plant.

Powerscreen innovations are changing the market and setting the industry standard for quality, reliability and safety in crushing and screening equipment.

Key to the success of the Powerscreen brand is the global distribution network, there are over 120 distributors operating globally providing local service and support service to end users. Pat McGeary, Blue Group Chairman, said: "Powerscreen is in my blood, I joined in 1968 when it was just a little local factory and today its part of my family's life. I am proud to have been part of the success story and to see the passion and dedication that was there when I joined is still there today."



Brand in the sand: Powerscreen hosted a world dealer conference in Florida in 2014, this is a selection of dealers and customers from around the world who attended.

CEA Appoints Rory Keogh New President

CEA (Construction Equipment Association) has appointed Rory Keogh as the incoming President of the UK trade association, which represents Construction Equipment manufacturers and suppliers.

He succeeds outgoing President, Nigel Baseley, former sales director of EAME Industrial Power Systems Division of Perkins Engines, who held the role of President of CEA since 2014.

Rory was appointed as Managing Director of GOMACO International in February 2007. His role within GOMACO involves overseeing all operations of the UK office, in Witney, including sales, service and distributor development.

He has been involved with the construction industry around the world his entire career, working as a service engineer and service supervisor in Europe, the Middle East, Algeria, Zambia and the UK.

Rob Oliver, Chief Executive CEA commented: "Rory gives a great perspective on the International construction business. I know he has visited more than 60 countries in pursuit



Rory Keogh (left) is welcomed by outgoing President, Nigel Baseley.

of sales and has done the 'hard yards' on the exporting front line. At home I know he is very committed to the CEA Skills Initiative which is an important part of the CEA agenda. It's great too that he brings his expertise in the concrete sector to the leadership of our association. We are very much looking forward to working with Rory and welcome him aboard as the incoming CEA President."

Added Rory: "It's a privilege to be considered and voted for the role of CEA President. I take up my role at an exciting time with the new '2020 vision' introduced by Nigel Baseley, the outgoing President. I will take up the baton and keep the pace by supporting new technologies and meeting client demands in what is a challenging industry. I am also hoping to bring my knowledge and 40 years' experience of travelling the world and networking to the CEA membership.

"I am also very passionate about bringing skills into our industry and getting young people involved in all aspects of engineering. The skills shortage is a problem facing 'industrial developed countries' and we are all suffering from a shortage of skilled engineers - I am keen to work on finding solutions to this UK problem with the CEA Skills Council.

"I come to the CEA with 'a different hat' - having been involved with surfacing, transport, road, rail and airports. I am looking forward to working with the manufacturers of Earthmoving machines and the construction equipment industry supply chain."

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FROM THE DESK OF:

GORDON BEST, REGIONAL DIRECTOR, QPANI

Growing Concerns In A Year of Change



Gordon Best
QPANI

2016 to date has certainly been a year of change in more ways than one in Northern Ireland. In May of this year we reduced the number of Government Departments from 12 to 9 together with a voluntary exit scheme that has resulted in some 2000 civil servants taking early redundancy from the public sector.

The purpose of the NICS-wide Voluntary Exit Scheme, launched on the 2nd March 2015, was to address the significant budget pressures facing departments in the context of the agreed 2015-16 Budget, by delivering an NICS pay bill reduction.

By the time these last exits take place, 2,990 people will have left the NICS under the Scheme, saving around £87 million per year in pay bill costs. While this will cut the cost of running the public sector in NI the impact on industry such as ours has been significant with the loss of many long serving and experienced civil servants who QPANI had developed an excellent working relationship and understanding with. The work has already started in building new relationships and awareness of our vitally important industry.

May of this year also saw the NI Assembly elections and the forming of an opposition at Stormont. This means the two largest Unionist and Nationalist in the form of the DUP and Sinn Fein are in charge while the two smaller Unionist and Nationalist parties, the UUP and the SDLP, form the official opposition. Many believe this will lead to a more normal form of politics and certainly the early indications are that since the election back in May a more can do and will do attitude is developing at Stormont and "delivery" is the name of the game being played.

Only time will tell if the politicians have taken on board the message that "they must do better" they got on the doorsteps during the election campaign.

At the time of writing this article QPANI have arranged meetings with three of our new Ministers of Infrastructure, Finance and Environment to discuss, not only matters of concern our members have, but to bring solutions in areas such as improving and speeding up the planning process, investment in and maintenance of our infrastructure, protecting and enhancing our environment and the contribution the quarry products can make.

Since the EU Referendum on June 23rd and the subsequent result to "Leave the EU", by a small margin it must be said, the vacuum of decision making and discussion around what happens next and the finger pointing between the leave and remain camps threaten to poison the developing good relations at Stormont.

In terms of the Quarry Products Industry in Northern Ireland our main concerns are:

1. Significant volumes of construction materials move across this border every day and the impact of the introduction of a hard border and possible tariffs would have a significant commercial impact.
2. The negative impact of Brexit on the agriculture industry and food and drink industry in Northern Ireland will be significant and this is causing great

concern as those sectors are the main customers of the quarry industry here.

3. We also have great concern over the potential slowdown in the UK economy and subsequently the GB Construction market as a result of Brexit. The precast concrete industry in NI are major players in the GB market and as a result help to sustain many small quarries and sand pits in NI who are their supply chain.

Implications

I have been having discussions with DFP Officials and HMRC Officials in London about what the possible implications are for:

1. The main Aggregates Levy legal case .
2. The challenge to the 2004 -2010 ALCS taken by the BAA.
3. Does the bar on EU Commission officials speaking to UK officials until the Article 50 is in-acted have any effect on your discussion with the Commission?

Treasury have responded to say, "it really is too soon to know exactly how things will pan out. However, the Prime Minister has made it clear that it's for his successor to trigger Article 50 and start the formal and legal process of leaving the EU. The UK remains a member of the EU throughout the process until Article 50 negotiations have concluded; this could take up to two years, or longer if negotiations are extended. During this time, we remain subject to EU legislation until we have left the EU. This means that we'd expect existing legal processes to continue. In terms of speaking to EU officials, normal business will also continue."

Unity Needed

The priority for our people and our businesses in Northern Ireland must be to steady the ship through effective leadership of the Executive. We need a statement from the First and deputy First Ministers that while they disagree on the outcome of the referendum they are united on the need to work

together to promote Northern Ireland as a good place to do business, a great place to live and importantly that our young people have a future here.

The Executive need to dispel any doubts that our Corporation Tax plans to reduce to 12.5% by October 2018 is not in danger and will proceed as planned. We need a united front from the Assembly that our future prosperity depends on the creation and sustaining of jobs. We also need close collaboration with our neighbors in the Republic of Ireland and with Scotland to ensure that we protect what we have and our close and vitally important trading relationship with the EU. The increasing uncertainty over EU support for the funding of skills, our higher education system and new infrastructure needs to be addressed to give certainty to both indigenous business and prospective inward investors. Political stability is a pre-requisite for investors.

The next number of months will be crucial but let's hope common sense prevails when final decisions are made on the basis of facts and realities rather than scaremongering and made up figures that influenced the way people voted.

Charity Golf

On a lighter note I am delighted to report that our Charity Golf Day was a great success. Once again the big man up above was looking after us as we unbelievably avoided all the heavy showers that seemed to pass us by at The Hilton. We are totally indebted to all of our sponsors and to all those 80 golfers who took part and helped us raise £4300 for our Charities, Guide Dogs and Macmillan Nurses.

Finally, if you are not a QPANI member and want to help in the work to grow our industry, make it profitable and an attractive career opportunity and have it valued by everyone in Northern Ireland, then please contact Fiona or myself to get details about the benefits of full or affiliate membership.



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Sunward Set to Enter the Northern Ireland Market

Chinese machinery manufacturer Sunward may not be a familiar name in this part of the world, but that is all set to change.

With an impressive machinery range of excavators and skidsteer loaders that has become a firm favourite with contractors elsewhere in Europe over the past decade, the manufacturer is represented here by independent distributors Sunward UK who have established facilities at Grays in Essex.

Headed up by Darren Griffiths, who has a wealth of experience in sales, Robin Nichols, who has been involved for over three decades in plant and motor sales, and Colin Allen, who has worked out of China for some 40 years, Sunward UK is presently building a network of sales and service agents across the country, including Northern Ireland.

The company and its extensive machinery range were well received at the recent Hillhead exhibition, with lots of interest and potential sales leads generated over the course of the three days.

"We are planning to establish two dealerships in Northern Ireland and are already talking to a number of interested



parties," reveals Darren Griffiths. "We are keen to bring the right people on board, people who will help us grow the brand and provide customers with service and support that they can depend on, so we are taking our time to ensure that happens."

Once Sunward UK has established a presence in Northern Ireland the plan is to work along with those appointed agents to promote and demonstrate the range to potential customers here, as is already happening elsewhere in the UK.

For those not yet familiar with Sunward, the company was founded in 1999 and has grown to become one of China's top brands, with exports to more than 60 countries and regions all over the world. It has been named as one of the top 100 most competitive high tech enterprises in China

Product Range

Sunward's product range covers large-scale piling machinery, compact construction

machinery, full series excavators, modern drilling equipment, industrial vehicles, coal mining equipment, hoisting equipment, and road equipment, and it also supplies hydraulic components for general aviation equipment.

"Sunward's quality range of large and small excavators – from 0.8 tonne up to 23 tonne – is highly regarded by operators throughout Europe where the brand is widely recognised and appreciated and we are aiming to replicate that success in the UK," adds Darren.

Machines in Sunward's compact range, for example, feature a small swing radius and can easily negotiate narrow pathways and areas where space is limited. Easy to operate and maintain, these machines are ideal for earthworks, utilities, road maintenance, landscaping and even river clearance, while for heavier work, a comprehensive range of medium and larger machines is available.





Proven Technology



Sunward UK were attracted to the Chinese manufacturer not least because of its use of proven Japanese excavator technology, its commitment to research and development – and the price and quality of the machinery range.

Sunward excavators, which incidentally also retain an excellent resale value, are CE approved and certified to ISO 9001, ISO 14001 and OHSAS 18001 standards. The machines are equipped with familiar brand engines, including Perkins, Yanmar

and Kubota, as well as Japanese-made Kawasaki pumps, and come with an impressive and fully comprehensive three year / 3000 hours parts and labour warranty.

"Availability is not a problem as we can call on a large stock holding of machines and spares parts, enabling us to offer fast and dependable delivery times," comments Darren.

Sunward UK understandably believe there is great potential to grow the brand here in Northern Ireland – and indeed in the rest of the UK - over the coming months, so watch this space!





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The Future of Manhole Construction

Tracey Concrete's ultimate manhole solution - "The Perfect Base" – is setting a new standard for manhole construction across the UK & Ireland since its launch in 2016.

The Perfect Base is a completely custom made pre benched manhole base designed to suit any channel and pipe type configuration. With an exceptionally smooth precast concrete finish the days of benching bases onsite will be a thing of the past.

Available in sizes DN1200, 1500 and 1800, and approved by all water authorities, it is described as the most economic, safe and efficient method of installing a manhole. The Perfect Base is up to 45% more environmentally friendly than traditional methods and has a design life of 100 years.

"The Perfect Base has many advantages over traditional methods," explains Anton



Tracey. "Firstly it's much safer for workers onsite to use our Perfect Base as it eliminates many of the dangers involved with traditional manhole installation methods. Time is also one of the major benefits, especially when used with our Watertight Manhole Ring System. Our

customers can't get over how much faster our new system is especially when working in poor ground conditions."

A case in point was a recent project in County Monaghan - Perfect Bases and Watertight Manhole Rings were supplied as part of a €40m project at a production factory for Combilift Forklifts where Tracey Concrete provided the full drainage take-off.

By being supplied the drainage plans for the whole project Tracey Concrete could calculate & design each individual manhole chamber from invert to cover level saving engineers and quantity surveyors significant time.

Due to tight project deadlines, Tracey Concrete's Perfect Bases & Manhole System proved the ideal solution for fast and safe installation. With no onsite manhole base benching and no concrete surround required, all manholes were installed in a fraction of the time.



CASE STUDY

Powerscreen
Chieftain 2100X

Chieftain 2100X Shannon Valley Quarry



Last October Shannon Valley Quarries took delivery of a new Powerscreen Chieftain 2100X at their Rathcoole site which is managed by Mick English and Camillus O'Neill and we recently caught up with Camillus to find out how he is getting on with the new machine.

Powerscreen Ireland are no strangers to this quarry with several of its crushers and screeners currently working the site. The range of machines date back to their 1996 Chieftain 1600 to their new Maxtrak 1300 cone crusher.

Each week Shannon Valley blast fresh rock, this in turn is fed to the Jaw crusher and then directly into the Powerscreen Maxtrak 1300. At this stage it is then stockpiled and ran through either the Powerscreen Chieftain 2100X or another 3 deck screen that they have on site.

Both deck machines are set up to screen 20mm, 14mm, 10mm and dust. The

Chieftain 2100X has been on site since October 2015 and to date is working 10 hour days, 6 days per week, problem free. Comments Camillus O'Neill: "We have a lot of different machines on site from different companies, the Powerscreen Chieftain 2100X is brilliant, in that it's one of the few machines we have that is problem free. Some machine will give you heartache, not this one. We know it will deliver 3,500 tonne a day, problem free for a long time to come."

"This is our second 3 deck split screener we have on site. The other is not a Powerscreen Chieftain, and it's costing us an extra 100 litres of diesel per day, that's over 30,000 litres per year. The Chieftain is a workhorse, and what's more, its problem free."

"We run our machine at a steady 350 tonne per hour. However we have set the top deck at 45mm and the mid deck at 35mm and we were working

it at 750 tonne per hour. The machine did what we asked of it, and more."

The Powerscreen Chieftain 2100X is designed for medium to large scale operators who require large volumes of high specification products. It is the largest model to feature a high capacity hopper, belt feeder and radio controlled tipping grid.

A key feature is the patented hydraulically folding recirculating conveyor on the 3 deck version eliminating the need for a crane on site and a 2 bearing screen with adjustable screen speed and amplitude with hydraulic screen angle adjustment.

User benefits include a quick set-up time (typically under 30 minutes) with hydraulically folding conveyors and track mobility, class leading stockpile discharge heights and a drop down tail conveyor and hydraulically raising min conveyor to aid screen media changes.

NI Hoses Diversify with New Distributorship

Hose replacement company NI Hoses, established towards the end of last year in County Down, continues to expand its customer base across Northern Ireland.

The company, which acts as a service agent as part of the growing HydrATEC hydraulic hose distribution network, has also recently

diversified by taking on a new Idromeccanica distributorship.

The Italian company, which was established in the early 1970s and exports to around 40 countries, manufactures a quality range of hydraulic plate compactors. The range includes three models from 170 to 900 kg for machines from 1 to 20 tons.

The new distributorship has got off to a great start, with new

hydraulic compactors being delivered to the Clifford & Gregg construction and engineering company in Hillsborough and to the Lagan Construction Group who are currently employing it on a site in Galway.

NI Hoses' Dean Jackson says there is promising potential for the new distributorship and they will be working hard over the next few months to promote and build the brand here.

Meanwhile, NI Hoses itself continues to grow. It offers 'while-you-wait' and 'onsite' emergency hose replacement services, with quality and reliable

products from the renowned world class Italian manufacturing company Alfagomma.

Alfagomma have nine product manufacturing plants producing a complete range of hydraulic hose, industrial hose, fittings and adaptors coupled with a global network of Alfagomma subsidiaries and assembly manufacturing facilities covering 18 countries and five continents.

NI Hoses have two onsite service vans on the road, so customers can be confident that a prompt response will only be a telephone call away.

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Contractors Praise Versatility and Efficiency of the Steelwrist Tiltrotator

It has been claimed that getting more from your excavator by employing a Steelwrist tiltrotator will help you to add value to your business and your reputation – and that's exactly what T G Cooper Contracting Ltd have discovered, as Plant & Civil Engineer's David Stokes has been finding out.

T G Cooper Contracting are involved in many prestigious landscaping and groundworks projects, mostly for private clients, including celebrities, so having the right equipment is a must.

The company has fitted a Steelwrist X18 tiltrotator, supplied by exclusive UK importers

AgCon, to their new Volvo ECR145 excavator, which is equipped with a two piece boom.

For those not yet familiar with a tiltrotator, its 45 degree tilt angle offers exceptional versatility and makes short work of digging around poles and pipes in restricted or built up areas without having to move the excavator.

"I have been using a Steelwrist tiltrotator for more than two years now and I am still discovering just how versatile it is," says Tim Cooper. "To be perfectly honest, I wouldn't go back to a conventional digger now. It has revolutionised my type of work.

"I can accomplish most of the digging work from within the cab, without having to get in and out all the time; switching between attachments is done in a matter of seconds. It's just a brilliant piece of kit that has totally changed the way I operate the machine."

He adds: "A lot of the sites I work on are quite small and restricted, but I would need the use of a bigger machine to complete those projects within given time-frames. However, with the two piece boom and the tiltrotator on the ECR145, I can easily accomplish that."

CONTROL SYSTEM

The excavator has been fitted with Steelwrist's XControl system, which uses a very advanced solution to control the hydraulic valves with a very high precision to ensure smoothness and controllability. All settings are made on a colour touch screen with very intuitive menus. It is by far the easiest system to use and as a bonus ensures minimum fuel consumption.

Apart from the thumb rollers used to control the tilt and rotation of the tiltrotator, two additional rollers are added to the back side of the joystick. With your index fingers you can operate for instance a gripper unit, the wheels or the tracks of your excavator simultaneously with the tiltrotator.

With the S60 quick coupler, it can be used to pick up and move heavy objects eliminating the need for additional lifting equipment and avoiding injuries to the ground staff. Once you have started to use a gripper unit, as Tim discovered, you don't want to be without it.

SOUND INVESTMENT

Initially, though, Tim admits he wasn't quite convinced about the merits of the tiltrotator. "The price came as a bit of a shock, but once I learned more about its uses, and saw it in action it was easy for me to justify such an investment, and it has brought many benefits to my own business."

He adds: "Once fitted to the excavator, it took about a month to familiarise myself with it; it was like learning how to operate a digger all over again. Having mastered that, it has opened up a whole new world of excavation to me! You start thinking outside the box once you come to appreciate its potential.

"Indeed, it is more than paying for itself. I am actually getting more work because of it as I can now tackle projects that might otherwise have been too difficult or awkward using a conventional machine. I simply haven't got a bad word to say about the tiltrotator – and the back up and support I get from Agcon is second to none. I honestly can't fault the service."



view from the cab



Monitoring Success At One Of Ireland's Most Prestigious Developments



Topcon GB & Ireland has helped leading contractor, Glenbrier Construction Ireland, monitor structural movement during a unique excavation on one of Ireland's most eagerly anticipated and prestigious developments, Number One Ballsbridge.

Consisting of three striking buildings in one of Dublin's most prominent addresses, Number One Ballsbridge will feature 12,579 sq. m of high-spec commercial offices and 2,116 sq. m of retail space, alongside five-star leisure facilities and 88 luxury residential apartments. The finished development will nestle into an urban hub of existing high-rise commercial and residential buildings which house some of Dublin's most iconic amenities and the city's Embassy belt.

Due to the size and prestigious location of the build project, a unique method of

construction was required to ensure minimal disruption to the surrounding neighbourhood.

Declan Byrne, sales and support at Topcon, explained: "Ballsbridge is an affluent, built-up area of Dublin and a hub of activity so Glenbrier needed to reduce the noise pollution and length of the build process as much as possible. A top down method of construction allowed them to do this."

In top down construction, upwards work is carried out at the same time as the excavation of the basement. By building the frame first and then digging the basement levels afterwards, developers can effectively build up and down at the same time. As a result, the build programme is accelerated and delivery time is reduced. Noise from the excavation process is also reduced as it's buffered by the surrounding frame.

"It's a challenging build process and needs a lot of careful consideration," Declan continued. "In some areas of the site the team are as close as 1.4m to other buildings so they have to do everything they can to minimise the structural risks to nearby buildings while also making sure workers are safe."

Glenbrier is using secant pile walls on the site, which act as a temporary structure to make a safe area for the team as well as preventing water coming in from outside. Due to the construction method, size of the plant and depth of the excavation, consulting engineers also recommended that monitoring systems were put in place.

Topcon's MSAXII total station is being used on the Ballsbridge site, an ultra-high precision surveying device that continuously measures the angles and distance of prisms fixed to a structure. Any change in the measurements indicates structural movement and is immediately communicated to site engineers.

Irish-based specialist civil engineering & site development contractor, Shannon Valley, handled the excavation stages at Ballsbridge.

Stephen McManmon, contracts manager at Shannon Valley, said: "Approximately 140 monitoring prisms have been fitted to the secant pile walls across the two basements levels. The total stations monitor these prisms 24/7, taking measurements for the X, Y and Z angles.

"Any lateral or vertical movement of the prisms is relayed back through the software and an alarm is sent directly to our phones the moment the structural movement is recorded. This gives us accurate and immediate data that is crucial to ensuring the safety of our team and the stability of the buildings around us.

"The monitoring has been extended to cover the area we are working in as our excavation work progresses. It doesn't have any direct impact on our excavation work but is always reassuring to know it's there and that we'll be notified and can act if there are any problems or movements."



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TR FASTENINGS BELFAST: Specialists in Fastenings Solutions

TR Fastenings Belfast, part of Trifast PLC, a global manufacturer and supplier of industrial components, specialises in the supply of fasteners to the Crushing & Screening, Earthmoving, Agriculture and Materials Handling Equipment sectors throughout Ulster & Leinster, stocking high tensile grades 8.8 and 10.9 bolts up to M48.

These complement the company's standard fastener range which can be found on its website. In addition, it is a major stockist of U Bolts, Hose clips, Castle nuts, nut & bolt clamps, Grease Nipples, Circlips, R-Clips, Wire Rope clamps, Split pins, Spring Pins, Couplings, Lynch Pins, through hardened washers and 1" grade 8.8 coiled threaded rod (speed bar) and nuts.

As a full service provider, TR Fastenings Belfast also offers vendor management solutions, design and engineering support and maintains vigorous quality standards throughout its manufacturing facilities in Europe and Asia.

MAXIMUS CRUSHING & SCREENING

One of the many companies benefiting from TR Fastenings is Maximus Crushing & Screening, an independent, global

manufacturer and distributor of mobile crushing and screening equipment for use in a wide range of applications; mining and quarrying, earthmoving, civil contractors, recycling and material handling industries.

Used by customers around the world, Maximus's crushers and screeners operate in the harshest environments. Priding itself on its excellent build quality, the company required a seamless supply system to ensure production levels and lean manufacturing can be maintained, so turned to TR Fastenings for advice and assistance.

TR Fastenings Belfast was able to oversee a smooth transition to a new, more efficient VMI (Vendor Managed Inventory) system which includes:

- A twin bin barcoded replenishment system, with 'free on loan' racks and bins.
- State-of-the-art bar-coding technology to trigger demand and monitor usage. This usage information is shared with Maximus and is ideal for its engineers and the rationalisation of components.
- Detailed reports from TR Fastenings which provide good-quality management intelligence.

- Delivering only what Maximus requires.
- Eliminating H&S risks of trip hazards. Fasteners must be in the bin not on the floor!
- A dedicated Account Manager.
- Unlimited access to TR's engineering website: www.trfastenings.com

"It was a pleasure to work with Maximus and we are delighted that their new system has assisted in improving efficiency already," comments Arlene Martin, Divisional Manager at TR Fastenings Belfast.

"We enjoy a high level of service and support from TR Fastenings," comments Paul Colton, Operations Director at Maximus. "Our new VMI system from TR Fastenings has dramatically eliminated non-productive time at our facility. Production can focus on its core function and parts are always available at the point of use."

INFORMATION

For more information on how TR Fastenings Belfast can help with your fastenings solutions, please contact Arlene Martin, Divisional Manager, on 028 9084 7612 or visit www.trfastenings.com





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Leica Geosystems Focus on Digital Realities at Irish Roadshows



Leica Geosystems went back on the road in June for the Irish leg of their roadshow tour. Prior to this, Leica Geosystems toured the UK in May starting in Aberdeen and Cambridge and finishing in Milton Keynes.

Set in the beautiful surroundings of Galgorm Spa and Resort, Ballymena, this was the first stop of the Irish roadshows, a perfect location for Leica's technical demonstrations.

The focus of their roadshows this year was specifically on digital realities – bringing the real world into the digital world and what this means to us as geospatial professionals.

Digital reality isn't something that can be ignored and digital technology has an effect on our everyday lives. Digital disruption refers to changes enabled by digital technologies. It is happening all around us all of the time. Think about a mobile phone, phone calls are not the primary reason for a mobile phone, it has so many other functions. Soon driving will not be the primary function for a car, we now have active assist helping with self-parking and cruise control.

"Leica Geosystems plays a big part in creating the digital world. With Mobile Reality Capture Solutions, like our Pegasus 2, we create Digital Streets with car mounted LiDAR and Imaging technology capturing all asset information on the roads around us. The Pegasus 2 mobile mapping system delivers workflows that allows us to track every single detail on the street bringing a whole new world to dynamic mapping."

ZENO 20

As well as mobile mapping, maintaining assets and adding new data or maintaining asset information to include attributes and metadata is also a prerequisite to maintaining the digital world. This is where the Zeno20

comes into place, putting high accuracy geospatial information in the hands of field workers. It gives ultimate flexibility for field data management with a choice of software and workflow. The Zeno20 has scalable accuracy options and is the first high accuracy handheld device based on the android operating system. As easy to use as your smartphone, you can collect data faster, therefore reducing costs.

PEGASUS BACKPACK

Volume data capture is not always possible by vehicle. At the roadshows Leica Geosystems also shared their insights into the Pegasus Backpack, allowing the greatest mobility inside and outside. The Pegasus backpack was also the winner of the Wichmann Innovations Award for best innovation, awarded in October 2015.

It is the industry's first wearable reality-capture technology that combines five high-dynamic cameras and two LiDAR profilers within an ultra-light and ergonomic carbon fibre chassis.

LEICA CAPTIVATE

At each of the roadshows, an in-depth presentation kicked off the start of the day, embellishing on the next stage of the Leica Captivate experience – Leica Captivate version 2. Some of the new features of the Leica Captivate experience discussed at the roadshows are detailed below:

DYNAMIC PRISM LOCK

Leica Geosystems looked at the ability for their MultiStations to lock onto a moving prism. Last year Leica Geosystems introduced ATRplus which gives best ever prism locking performance and now with dynamic lock, the instrument will automatically lock back onto the prism as soon as you reappear from

behind the obstruction without the need to put the pole down and initiate a search.

Before the introduction of dynamic lock, the prism would have had to be in the field of view of the telescope ($\pm 1.5^\circ$) in order for the prism to be locked on to. But now we have been able to open up that field of view to $\pm 20^\circ$ which allows us to lock to a moving prism, for example on a pole, or on a machine.

GNSS

New members of the GNSS family were also introduced at the 2016 roadshows. The new RTKplus receiver technology already provides impressive availability of accurate positions in difficult environments. With more GNSS signals than ever before, the risk of increased position noise becomes very real. The new Leica Viva GNSS is self-learning thanks to RTKplus and SmartLink.

RTKplus works in locations which were never previously possible. So RTK plus is simply like RTK but better. It's an intelligent use of the signal, its 2 new engines: the measurement engine that tracks the signal, and the RTK engine that processes all the measurements. These two engines work in perfect harmony. Leica Geosystems has again pushed the boundaries and again has created another milestone in high precision GNSS.

SMARTLINK

SmartLink pushes boundaries by increasing centimetre position availability in areas where RTK communication links are unstable. Often UHF radio or the cell phone communication links are interrupted. SmartLink correction service delivered via satellite bridges RTK communication outages for uninterrupted centimetre positioning up to 10 minutes. The accuracy during SmartLink service is slightly reduced compared to an RTK service with an approximate 2D accuracy of $\pm 5\text{cm}$.

Some outdoor demonstrations also complimented the presentation, where customers were able to see Leica Geosystems' new products for themselves and ask questions.

For more information...

To find out more about the Pegasus 2 and mobile mapping, please log on to <http://leica-geosystems.com/products/mobile-sensor-platforms>

To find out more about the Zeno 20 please log on to <http://leica-geosystems.com/products/gis-collectors/gis-handhelds-tablets>

To find out more about the Pegasus backpack please log on to <http://leica-geosystems.com/products/mobile-sensor-platforms/capture-platforms/leica-pegasus-backpack>



Be Captivated

Visit www.leica-geosystems.com/becaptivated
to find out more and request a demonstration.

Viva

Leica Viva GS16 Experience 3D innovation

Meet the self-learning GNSS, powered by RTKplus and SmartLink and seamlessly connecting with the new Leica Captivate touch-technology software. While RTKplus automatically selects the optimal GNSS signals with a robust 555-channel engine, SmartLink uses precise point positioning technology to stay connected. Experience 3D innovation with the most accurate positions and complete the job from anywhere.



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- when it has to be **right**





Bumper Turn-Out for Hillhead 2016

Undaunted by a middle day of almost perpetual rain, visitors turned up in droves for Hillhead 2016, which took place over three days recently at Tarmac's Hillhead Quarry, near Buxton, Derbyshire.

Despite the wet Wednesday, a bumper 18,349 unique visitors attended this year's event – representing a 5.4% increase in attendance over the previous show in 2014 – with

exhibitors expressing great satisfaction with the number and quality of visitors who came.

Moreover, this year saw more working demonstrations than ever before, creating some of the busiest live action ever seen at Hillhead, including no fewer than 14 excavators in new-look quarry face area at one point during the show.

Hillhead 2016 also recorded the show's largest ever number of exhibitors (476) who occupied the biggest area of exhibition space to date.

According to the organisers, the newly extended area of the showground worked extremely well and is already oversubscribed for 2018, while the extended registration pavilion also proved very successful, prompting plans for a further significant increase in size in 2018.

Plant & Civil Engineer takes a look back at some of the show highlights over the next few pages...



Hyundai introduce the brand new HX430 L crawler excavator

Hyundai launched the brand new HX430 L (44,120 kg/97270 lb) crawler excavator, with a bucket capacity of 1.90 m³/ 2.49 yd³ – with an overall width of 3,340 mm with 600 mm shoes.

The new HX430 L machine has just rolled off the production line – in fact it was touch and go whether the excavator would make it to the UK in time for the show! The HX430 L was exhibited fitted with a Strickland S-lock Quick Coupler and a Daemo B360 Breaker.

Strickland's S-lock quick coupler is manufactured using 400 brinell wear resistant steel, which in turn makes it very strong.

The Daemo B360 Breaker, designed for 32-44 tonne excavators, is part of the Daemo Alicon Series. Daemo say that this breaker has been created with state-of-the-art technology, which has made it possible to lower weight and increase breaking power at the same time. The premium breaker has considerably improved durability through strengthening its main components.



Powering the HX430 L is a Cummins QSL9 4-cycle turbocharged air cooled diesel engine which complies with the latest emission standards Stage IV for the reduction of particles and Nox in exhaust gasses, and is rated at 316 HP (236 kW).

The new HX range is fitted with an ECO Gauge which enables

the economical operation of the machines. The gauge level and colour displays engine torque and fuel efficiency level on the touchscreen monitor. In addition the gauge indicates the status of fuel consumption such as average rate and the total amount of fuel consumed. The HX range can offer a reduction in fuel consumption of up to

8% - depending on the type of operation – in comparison to Hyundai's 9A-series of machines.

Hourly and daily based fuel consumption can be checked in detail which helps the operator run the machine more economically and efficiently.

New safety features include Hyundai's exclusive AAVM (Advanced Around View Monitoring) System for 360° – surround virtual operating view – which displays on the 8 inch cluster-monitor.

The system consists of an Around View Monitoring (AVM) system that give a 360°-surround virtual operating view and an Intelligent Moving Object Detection (IMOD) system that senses and warns the operator when objects come within working distance of the machine.

HX range have newly designed cabins - a new larger front screen has been incorporated and the driver's door is now easier to open from the inside with an additional handrail. The interior of the HX cab offers 13% more space for the operator (compared to 9A-series). A newly developed air conditioning system provides better air circulation in the cab. The cab suspension mount reduces the noise inside the cabin.

Hill Engineering show the new Hill TEFRA Tilt Hitch

Hill Engineering was showing its new TEFRA Tilt Hitch, the award winning TEFRA Coupler and its Hill Titan Buckets.

The new TEFRA Tilt coupler was shown at Hillhead 2014 in prototype format the product is now in full production and took centre stage on the Hill Engineering stand this year.

The TEFRA Tilt Coupler takes all the advantages of the award-winning TEFRA coupler but provides the added benefit of increased productivity and versatility in multiple applications. The attachment is available for machines sizes ranging from 3 to 20 tonnes and, like the TEFRA coupler, has been specifically designed to be almost maintenance free. This tilt system allows operators greater flexibility in the way they use their machines and

turns each and every attachment into one that can be used at up to 180 degrees.

The heavy-duty motor is self-lubricating and there is no requirement to grease the tilt mechanism. In addition, Hill have reduced potential wear items so users have peace of mind regarding any wear on pins or bushes.

The new TEFRA Tilt coupler boasts advance technology from German manufacturers HKS. The magic behind Hill's new attachment is said to be the XtraTilt power actuator to achieve the 180-degree tilt function.

The robust design of the individual components of the XtraTilt, made from high-strength, surface-hardened materials, allows rotation almost without play, even after prolonged operation.

The swivel mechanism of the Power Actuators is based on the coarse-thread principle. The linear movement of the piston, when pressure is applied, is converted

by multiple opposing coarse threads on the housing, piston and shaft to achieve a powerful rotary movement. If the hydraulic circuit is closed by the adjusting valve, which at the same time prevents movement of the piston and shaft, the attached coupler will remain in any required working position.

Oliver Phelan, Hill Engineering's sales & marketing manager said, "We see this market growing significantly in the coming months and years as operators' demand more from their machines potentially enter into new markets. The quality associated with the Hill and TEFRA brands, coupled with the unrivalled back up services for our clients, means the TEFRA tilt should be an essential tool in any operators' kit bag."

Oliver added, "The award TEFRA coupler and the HKS Extra Tilt Power Actuator have been united to provide users with two market leading technologies which will transform the productivity of the users excavator. With a tilt angle of 180 degrees on all models, this ground breaking product will enable users to increase the versatility of their attachments in multiple applications."



Sandvik Focus on Crushers, Screens and Customer Service

Hillhead 2016 provided the perfect exhibition for Sandvik to highlight the total solutions nature of its world-leading product ranges. During the show, it provided a focus on our Mobile Crushers and Screens, as well as highlighting recent developments from Customer Services.

"As part of our increasing focus on the local needs of our customers, we took full advantage of the opportunities provided by exhibiting at Hillhead. The show presented an excellent opportunity for us to meet with UK and Irish customers, and learn directly from them how we can improve both our service and offering for their very specific needs."

Hillhead saw the global launch of Sandvik's QJ341



best-selling jaw crusher now featuring a new pre-screen.

Also making a show debut was the CH540 stationary cone crusher and the WE6000i Telescopic chute.

Other equipment on display included a QH331 hydrocone with

hanging screen, the QE241 highly versatile scalper with unique configuration of two conveyors on one side and the QE441 heavy duty scalper which is ideal for quarrying and aggregates.

Featured in the demonstration area were a QJ341 jaw crusher with new pre-screen, a QS331

cone crusher with hanging screen and a QJ241 jaw crusher feeding a QA335 Doublescreen.

"We'd like to thank all the visitors who came to our stand – it really was great to meet everyone. It is your support and encouragement that makes all our efforts worthwhile."

MPA focuses on health and wellbeing

The Mineral Products Association (MPA) has showcased 'Securing Sustainable Health & Wellbeing Together' at Hillhead 2016.

Building on the new focus on health issues announced at the MPA Health and Safety Awards in 2015, the MPA organised a range

of health and safety activities at this year's Hillhead event. The occupational health provider, Industrial Diagnostic Company, provided work health checks by qualified nurses, and visitors could use pedal power to create their own energising smoothie. There was also an opportunity to participate

in a 'Grip Strength' competition with prizes for the three best results at the show.

A wellbeing section on the stand gave visitors the opportunity to find out important information on how we can all best contribute to our own health. Anonymous health data collected at the event will contribute to the 'MPA's Big Health Survey'. This data will be used to help analyse the industry's health.

What A Show for Anaconda!

Anaconda say the event was the most successful Hillhead show they have attended to date, proving to be the perfect platform to reveal the new DF514 'Tracked Scalping Screen' to the market; the FSL100 'heavy duty scalping screen' was also extremely popular with many of the visitors.

"We are delighted with how the stand turned out and, with a greater number of visitors to our stand this year compared to 2014. The show was a tremendous success for many reasons – building relations, enquiries to follow up on, orders received, brand building, and new opportunities," says Marketing Manager Catrina Quinn.

"We would like to express a huge thank you to all who visited the stand during the show. Thank you all whom made the show success possible; stand suppliers, catering providers, and the hospitality staff for the excellent service provided, and especially to our distributors. Having them on the stand with us proved to be very beneficial to our visitors. Special thanks goes to the organisers of the Hillhead show itself and we are already looking forward to the next show in 2018."



Doosan Unveil DL200-5 and DL250TC-5 Wheel Loaders

The new Doosan DL200-5 and DL250TC-5 Stage IV compliant wheel loaders from Doosan Bobcat EMEA provide another leap forward in wheel loader design as represented by their new external styling compared to previous generation machines.

They offer as standard a number of advanced new features, which are available only as options on other machines on the market. With bucket capacities of 2.0 and 2.5 m³, respectively, the DL200-5 and DL250TC-5 wheel loaders are intended to meet a wide range of material-handling and loading applications.

The Doosan DL200-5 and DL250TC-5 wheel loaders are powered by new engines meeting Stage IV emission regulations without the need of a diesel particulate filter (DPF) and incorporating an electronic high-pressure

common-rail (HPCR) fuel delivery system and a turbocharger with a Wastegate valve (WGT) installed to improve power and fuel efficiency.

The after-treatment technologies being utilised in the engines are cooled exhaust gas recirculation (CEGR) combined with a diesel oxidation catalyst (DOC) to reduce particulate matter (PM) and selective catalytic reduction (SCR) with diesel exhaust fluid (DEF) injection to minimise nitrogen oxides (NOx).

As well as offering more standard features than other machines of their size on the market, there is an expanded choice of options for the DL200-5 and DL250TC-5 wheel loaders, including ride control; a double suspension (horizontal and vertical) heated seat; a 3rd spool auxiliary line; a reversing fan and a limited slip differential system.



The compactness and robustness of the DL200-5 and DL250TC-5 models provide excellent manoeuvrability in narrow and confined space areas, and in combination with the wide selection of attachments available, they can undertake a very wide range of applications including work in sand pits, quarries, concrete plants, road construction, water and sewer projects, waste management and recycling, agriculture, foods and industry.

Kubota Launches Telematics Partnership

Kubota UK launched a new strategic alliance with Trakm8, a major provider of telematics solutions, at this year's Hillhead show.

The new partnership will enable Kubota UK to provide end-users with a diagnostic and fleet management solution designed to improve machinery efficiency as well as providing theft recovery thanks to the tracking capability of Trakm8.

Kubota UK can now provide a "plug and play" telemetry solution covering its range of excavators and agriculture machinery. The solution, which can be integrated with Kubota's Anti

Theft technology, will enable the tracking of a single vehicle or an entire fleet, 24 hours a day, seven days a week and will provide up-to-the-minute telemetry data to managers, such as engine and emission data and driver performance and behaviour.

The telemetry unit also offers the ability to audibly alert an operator if the plant item is operating outside its set safe guidelines, with the option of remotely immobilising the machinery if required. Trakm8's Fleet Management solutions are web based, enabling operators to access essential information through a smartphone or tablet.



CDE displays latest M-Series developments

Materials washing specialist CDE Global returned to Hillhead where they launched the latest developments to their modular M-Series washing plant range.

Since its launch at the Bauma exhibition in Munich in 2010 the M2500 has achieved global recognition thanks to its compact footprint, efficient transfer of materials from one processing phase to another and the use of clean, electric power.

The range has since been expanded and their appearance at Hillhead CDE was an opportunity to present some of these latest developments as they increase the range of applications for the M-Series.

Currently the M2500 has been installed in plants in the quarrying, mining and C&D waste recycling sectors worldwide.

The model on display was the M2500 E5X which has been developed to produce up to 5 washed and classified products. Other developments include a refined chassis design to allow for rapid installation, easy transportation and minimal civils requirements. Operator efficiency has also been taken into consideration with 900mm wide walkways which allow for safe and easy access to all parts of the plant and lightweight GRP guards which are easy for one person to remove and replace for efficient maintenance and inspection.

Matt Bunting, Director of Business Development UK & Ireland, comments, "The M2500 is one of our core products which is very well established in the UK & Ireland with applications processing sand & gravel and recycling construction & demolition waste."

He added: "We have a long record of exhibiting at Hillhead with the UK & Ireland being our home market it serves as an excellent platform to share our latest developments and innovations with a large audience. Over the last year we have seen the recovery of the construction sector which is predicted to continue to grow for at least the next five years giving us confidence in the UK & Ireland as a strong growth market going forward."



Hillhead 2016

Review



A Great Show for Terex Minerals Processing Systems

Terex Minerals Processing Systems Sales Director Geoff Beattie has described Hillhead as 'a great show for us.'

And he added: "We not only had 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 was promoting and doing the global launch of its new Modular Recycling Jaw, the MJ400R, and also showed off the TSV6203 screen.

"The MJ400R is a great addition to the Modular Product Portfolio currently in existence. The key to this product is the industry leading access we have built into the design of this new modular jaw. It brings customers a well



proven, cost effective and durable machine in a modular all-electric format with 'no crawl maintenance access' to the chamber."

The MJ400R has the Terex TJ2844R single toggle jaw crusher with renowned hydraulic overload protection as standard. It has a fully galvanized steel structure




including walkways, steps, guardrails and product conveyor and CE compliant.

This is ideal for C & D recycling applications as well as quarry and mines and integrates well with established systems or working independently.




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Successful show highlights

Thank you to everyone
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STAND E9



Hillhead 2016

Review



For Showing for Red Rhino



Red Rhino was showing its Mini-Crusher ranges for the very first time at Hillhead, with a static display that included a new 7000 Plus fitted with a Tier IV engine, the 5000 Series and the brand new 3-Way Screener. There was also a 7000 Plus working in the demonstration area.

The Red Rhino 7000 Plus is fitted with a variable speed, vibrating grizzly feeder, jaw crusher with a 700mm x 400mm feed opening, Deutz Tier III air cooled or low emission Tier IV water cooled engine and discharge conveyor. This compact plant only weighs 10 tonnes and is ideal for small-medium sized recycling projects or medium strength natural rock applications up to 75MPa.

The new Red Rhino 3-Way Screener can be used independently and fed with an excavator to separate waste products into 3 different sizes for a wide variety

of applications including screening soil, sand, crushed rock and concrete.

Red Rhino's success is built on saving money for its customers by crushing and screening on-site, eliminating expensive transport costs, tipping charges, waste tax and raw material costs.

These small machines with a big punch save vehicle movements and dramatically reduce exhaust, dust emissions and contractors carbon foot-prints.

The 5000 model on static display at the show has excellent access with hinged doors at the front and the rear of these plants. This feature which is common with the 7000 Series enables all routine maintenance to be completed quickly, easily and very effectively.

The 5000 Series is fitted with a jaw crusher having a feed opening of 500 x 250mm and yet only weighs 2.9 tonnes making it very easy to move between sites.

NC Engineering Launch New Dumper Models

Forty years in business this year, NC Engineering, known predominantly for the manufacture of high quality Agricultural equipment have added two new Models to their now extensive range of Site Dumpers.

The SW3 has been redesigned with a complete new drive line, optimised for efficiency and productivity. The SW6 has been fitted with the new stage 4 final Deutz engine, which uses DOC technology, a cost saving advantage over the more expensive Adblue DPF solutions.

As both domestic and export dumper sales have increased substantially in recent years, a new factory extension housing a dedicated line for Site Dumpers has just been completed. This will potentially quadruple output on assorted sized dumpers, from one to 10 tonne, rolling off that line each year.

In addition to Site Dumpers, NC also manufacture a wide and varied range of dump trailers, low loaders and road brushes for the construction industry.



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Renault Trucks Makes Its Début At Hillhead

Renault Trucks made its début at Hillhead 2016, with a stand featuring a 32-tonne Range K 8x4 tipper and a Range T460 6x2 44-tonne



tractor unit with the newly-launched mini mid-lift option.

From its highly-acclaimed heavy construction range, the 13-litre Range K520 Day-cabbed tipper features a Thompson 'Loadmaster Lite' steel body with an off-road defined NG3 chassis, configured carefully to suit a broad range of multi-axle tipper operators, with CLOCS-compliant safety systems. Designed to carry more weight in the toughest environments with exceptional traction and ground clearance, the robust Range K is specially built for heavy duty construction work.

Complementing the Range K on the stand was a Range T460 6x2 44-tonne tractor with the newly-launched mini mid-lift option which gives a weight reduction of 500kgs when compared to a standard 6x2 tractor. The solution is ideal for tippers or tankers as it allows for a greater payload and also additional chassis space for fitting auxiliary items such as hydraulic kits or blowers.

Nigel Butler, Commercial Director, Renault Trucks UK, says: "Hillhead was absolutely the right platform for us to welcome both customers and prospects to our stand to demonstrate our range of fuel-efficient,

robust and reliable trucks, – like the Range K which is so often cited as the benchmark for heavy construction trucks.

"We were also pleased to showcase our newly-launched mini mid-lift option on a Range T tractor. This offers many advantages since the 500kgs weight saving allows for a greater payload or additional chassis space."

All Renault trucks are now available with Euro-6 Step C-compliant engines, which can reduce fuel costs by up to two per cent whilst increasing the payload by up to 114kgs.

Huge Success for ConveyorTek

Once again Hillhead proved to be a huge success for ConveyorTek, as they launched their all New Metal Detector as part of their CORE Metal Separation Product Range.

With ConveyorTek being situated right in the heart of the pavilion, with no rain or wind and a lot more warmth than the outside, it seemed that it was more than just metal their CORE Overband Magnet was attracting! "We enjoyed catching up with so many old friends at the show and of course making a lot of new ones. Just a few weeks after the Hillhead exhibition, we have already started to see some of the success that the show has bought."

Meanwhile, ConveyorTek has acquired Vulcanising UK, one of the UK's largest conveyor belt and service providers.

Vulcanising UK has a great team of hard working individuals, with over ten years experience in the industry, working within a wide range of specialist vulcanising skills and specialist chemical rubber lining products. Vulcanising UK will greatly enhance the products and services that ConveyorTek can offer overall as a company.

ConveyorTek say the acquisition demonstrates they are committed to their new and existing customers by expanding their support base throughout the UK and Ireland, as well as further afield, while investing in stock and equipment as well as people. "We look forward to working alongside the excellent team of individuals within Vulcanising UK, which will now operate as a trading division of ConveyorTek."



Fantastic Show for Ritchie Bros

Auctioneers Ritchie Bros say Hillhead was yet again been a fantastic show that was 'well organised, a great crowd and fantastic exhibitors.'

Rupert Craven, sales director of Ritchie Bros UK, comments: "It represented a good chance for us to connect with the industry and discuss how the global reach of our disposition channels can help businesses move forward in these turbulent times.

"Besides our equipment auctions in Donington Park, people expressed interest in the 'Selling Big' tv series that recently aired in the UK and, of course, the acquisition of online marketplace Mascus."





conveyortek

**ConveyorTek Launch
New Metal Detector
at Hillhead 2016**




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Terex TA400

A DUMP TRUCK THAT'S TRULY WORTH ITS SALT!



Articulated dump trucks don't come much tougher than a Terex TA400, which is exactly why the Irish Salt Mining & Exploration Company have opted for yet another, as Plant & Civil Engineer's David Stokes has been finding out.

Supplied by Sleator Plant, based in Newtownabbey, the official Terex Trucks dealer of rigid and articulated dump trucks in Northern Ireland, the Generation 9 TA400 certainly has its work cut out at the mine which has been producing de-icing rock salt since 1965.

Designed specifically to meet the demands of the most extreme operations, the TA400 is one of the most robust, heavy duty, high capacity articulated dump trucks on the market and it is clearly excelling in its task at the mine, along with several other Terex ADTs.

The salt mine at Carrickfergus in County Antrim covers an area of around three square miles at around 1,200 feet (365m) underground, with salt beds varying in thickness on five separate levels.

The mine produces up to half a million tonnes of salt a year for use of in the gritting of roads, mostly Ireland and Scotland, and is produced by room and pillar dry mining.

The salt bed is undercut, then drilled and blasted, followed by roof scaling by a Webster rotary cutting head, designed specifically for the purpose. This broken salt is then loaded by front-end shovels into the Terex dump trucks and hauled to an underground

crushing and screening plant after which it is transported via a 2km network of conveyors to the surface. The salt, ready for use, is treated with an anti-caking additive and then stored undercover for dispatch by sea or road. It's a continuous process in a tough environment that requires equally tough, and above all, reliable plant and machinery – and the new heavily-spec'd Terex TA400 is perfectly at home there. It was delivered at the beginning of the year, after some special Health & Safety design features were added in order to comply with strict underground mining regulations.

Explains Sleator Plant's Bill Henderson: "Because the dump truck is working



underground in confined spaces it has to meet certain mining regulations. Protection, for example, has to be provided for the turbos and exhaust manifolds to prevent the potential for fire. The hydraulic fluid also has to be fire resistant."

In addition, a fire suppression kit has been fitted to the dump truck, while extra working lights have also been installed.

There are a number of things that make the TA400 stand out, not least its high performance, fuel efficient Tier 4 Scania engine which ensures excellent productivity, and its modulating transmission retarder which is coupled with an efficient exhaust

brake and fully enclosed oil-cooled multidisc brakes to provide optimum control and increased safety in adverse conditions such as those encountered in the mine.

The fully adaptable drivetrain is designed to maintain traction and speed on the toughest of terrains, while the planetary gear transmission provides smooth, efficient gear shifting for optimised fuel consumption and reduced cost of operation.

Operator comfort, too, takes priority. Interior cab noise levels have been reduced in the TA400, and there are new control positions for ease of operation, together with cab instrumentation that

has been designed specifically for off-highway applications, and improvements, too, have been made to the heating, ventilation and air conditioning system.

Downtime, of course, can be costly, even for service or maintenance, but this is kept to a minimum thanks to the provision of ground level service access points, and a fully tilting cab and electronic assisted hood raise for ease of access to engine.

The TA400 transmission is also installed with the latest lubrication oil specification that extends oil service periods to 6000 hours, further reducing operational costs.



A cross section of the local polymer and construction sectors who have been working together to improve the Skills Needed to Capitalise on Innovation.

Polymer & Construction Sectors Collaborate

Northern Ireland Polymers Association (NIPA) and CITB NI have been working together for the past 12 months to help their sector companies identify and develop the necessary skills and management practices to improve their innovation and business performance.

The project brought together a total of 22 employers from both sectors to form three separate working groups. These groups worked together to define innovation issues and develop mechanisms and methodologies for effectively up-skilling staff in key areas of innovation and commercial exploitation.

These best practices and findings were shared at a combined workshop held at the Hilton Hotel, Templepatrick recently.

This Programme was developed and part funded by The UK Commission for Employment and Skills (UKCES): UK Futures Programme. Five collaborative projects across the UK were successful in their bids to test new ways to develop skills for innovation in manufacturing.

Barry Neilson, Chief Executive, CITB NI said, "This project was unique in its make up due to its cross-sector nature combining

employers from Northern Ireland. The aim was to learn from each other and share experiences to help improve processes and people which in turn will ultimately benefit the overall business. The three groups approached the challenge in different ways and diverse discussions emerged. The main key learnings from the collaboration resulted in improved processes and approach, understanding the experience of others, influencing and networking skills."

Hugh Ross, Chair, NIPA said: "This project has opened doors and helped with the overall innovation process for both the construction and polymers sectors. This collaborative way of working is not the end of the project but the beginning of the journey to help develop long term partnerships to develop operational and commercial efforts of those involved and beyond."

Local Construction Sector to get free qualifications

Two hundred NVQ qualifications are to be made available free of charge to the local construction sector through the extension of the 'Qualifying the Existing Workforce' project.

This project is a joint initiative by the Department for the Economy (DfE), CITB NI and the Joint Council for the Building & Civil Engineering Industry.

Welcoming the extension of the 'Qualifying the Existing Workforce' Economy Minister Simon Hamilton said: "The construction industry is vitally important to the economy in Northern Ireland. Since its launch in 2012 this project has provided almost 1,600 experienced construction workers with the qualifications and skills they need to maximise their individual potential while at the same time providing employers with the skills they need to grow this important sector and our economy."

Barry Neilson, Chief Executive, CITB NI said, "It is encouraging that in these difficult economic times the 'Qualifying the Existing Workforce Project' has been so successful and we are delighted to secure funding for an additional 200 qualifications in order to continue the momentum in the construction industry. Through the Qualifying the Existing Workforce project, we will help upskill those working in this sector ensuring we have a better skilled workforce which will help to drive this industry and our economy forward

The project has already helped increase productivity for individuals whilst also addressing the industry's skills challenge. We encourage construction workers to sign up and claim their free training not only to help themselves but also the local industry."

Nine assessment centres have been awarded the contract to qualify and assess the candidates across the Province. There are 45 occupations available ranging from bricklaying to wall and floor tiling.

This scheme is open to private sector construction employers. Candidates must live and work in the UK to be eligible and must not have an existing Level 2 qualification.

For full details on how to register and a list of assessment centres and occupations available log onto www.citbni.org.uk and follow the links to FREE NVQ's or call 028 9082 5466.

Ashbourne Truck Centre for all Your Trailer Needs

Ashbourne Truck Centre established in 1990 by Joseph Mooney specialises in sales, hire, repairs and aftersales of trailers. Located in large premises in Ashbourne Co. Meath, just 500m from the M2 and close to Dublin port and city, they have been sole Irish agents for Faymonville trailers since 2004.

Faymonville are world leaders in the building of trailers for specialist transport, ranging from step frame trailers to modular trailers with axle rows configured together to carry massive payloads.

They are building trailers to suit the transport of windmill sections, including trailers 4 times extendable to carry blades up to 65m long.

In recent years Faymonville have launched new range of trailers know as "Max Trailers."

MAX Trailers at present offer many types of trailer: MAX 100 - 3 & 4 axle step frame trailers, fixed or extendable beds, options for ramps and steer axles; MAX 200 - 3 & 4 axle platform flat trailers, options for extendable bed, rear steer axle, also options for double extendable power steered; MAX 300 - 2 + 3 axle commercial draw bar plant trailers with ramps, MAX 400 - 4 + 5 axle

ballast carries; and MAX 500 - a two axle drop neck low bed, extendable trailer.

"Ashbourne Truck Centre has found great success with the MAX Trailers since they have been launched. They are being operated by a huge number of Irish clients and we have been receiving great feedback. They have become a common sight on the Irish roads and we feel 2016 will be a very good year for MAX Trailers and Faymonville in Ireland."

Ashbourne also keep stock of new and secondhand Schmitz tipping trailers; these have come to be regarded as 'the tipping trailer of the Irish industry,' such has been their success.

A wide range of secondhand trailers are available in stock, including low loaders, tipping trailers, flats and euroliners.

"If a particular trailer is required and not in stock we will do our best to source one for the customer."

Ashbourne also offer a trailer hire service to customers - from very short term day to day or long term periods - at keen rates, and all fully serviced.

"Like everybody else in business, we've had our bad years, but consumer confidence is growing and finance is more readily available. We also have finance packages available to our customers through a very reputable company."

Ashbourne Truck Centre's site offers plenty of parking & storage facilities, indoor and outdoor. Storage is ideal for trucks and trailers due to its size and close proximity to Dublin port.

They also stock a large range of parts for all trailers sold. "We specialise in the stock of Gigant and SAF axle parts and carry all Faymonville, MAX and Schmitz Trailer parts, too."

Aluminium loading ramps are also available, and can be built and designed to any required spec.

Ashbourne's workshops are manned by qualified mechanics able to complete repairs, servicing and maintenance on all types of trailers, as well as ABS/ESB diagnostics and repairs, and the site also has a sandblasting and painting facility.



2016 New/Unused MAX 3 axle draw bar trailer, front lift axle, rear steer axle, 26ton payload, hydraulic ramps, out riggers, storage tray for out rigger timer, pockets for twistlocks. In stock ready to go.



2016 New/Unused MAX 3 axle step frame low loader, rear steer axle, auto greaser, double flip ramps with side shift, out riggers, storage trays, 38.5ton payload. In stock ready to go.

**Ashbourne Truck Centre, Ballymadun,
Ashbourne, Co. Meath, Ireland**
Tel: 00353 18350573
Josef: 0035387 255 66 77 Sarah J: 0035386 255 66 77
Web: www.ashbournetruckcentre.com



2016 New/Unused MAX 4 axle step frame low loader, front lift axle, two rear steer axles, out riggers, storage tray. Double flip ramps with side shift, greaser, 48ton payload. In stock ready to go.



New Unused 2016 Faymonville lifting bed 3 axle trailers in stock, rear steer axle, available as extendable trailer also. Very easy loading angle onto gooseneck, safe and quick loading.

Large selection of second hand trailers also in stock, ready for work, DoE'd and serviced.

Terex Minerals Processing Systems Helps Improve Production In Kilroot Mine



Terex Minerals Processing Systems (MPS) recently visited Irish Salt Mining and Exploration's Kilroot Mine, near Carrickfergus in Co Antrim to view a Terex Cedarapids LJ-TSV in operation. Mining De-icing Rock Salt has been taking place there since 1965.

Salt beds on the site had been formed approximately 200 million years ago in the Triassic period when most of Europe was covered by a number of inland seas. Evaporation of these inland seas produced the large salt deposits which run from Carrickfergus through much of Europe. The mine covers an area of approximately three square miles at around 1,200 feet (365m) under the Country Antrim landscape with salt beds varying in thickness from 9 to 27m in five separate levels. The mine produces up to half a million tonnes produced per year of -6.3mm sized de-icing rock salt for use of in the gritting of roads. Salt

works as a de-icing mechanism because of its low freezing point. This causes snow and ice to melt and prevents it from re-freezing. Market for this salt is mostly Ireland and Scotland but other markets including USA have been supplied to in the past depending on

demand. Salt is mined using the room and pillar method with blasting carried each day to keep up with production. Blasted material is transported from the face using articulated dump trucks to the underground fixed crushing and screening plant. This plant reduces the material down to a -6.3mm material which is then conveyed out of the mine via a 2km network of conveyors for storage in an over ground shed before

transporting by sea via the deep water berth or by road.

In 2015 Mine Manager Derek Moore identified that the final screen in the production line that had been removing -6.3mm finished product was restricting capacity of the remaining plant due 50% of the finished

The increased capabilities, higher production, enhanced durability and ease of maintenance of the Cedarapids LJ-TSV make it an industry leader



-6.3mm product being carried over on the screen deck and being sent back to the preceding crushing line. There was also an issue with the amount of near size salt particles pegging in the screen media.

The site also had recent maintenance issues with the screen they were using and the availability of spare parts. Uptime of the screen during the peak winter production times was critical along with the ability to deliver production if demand increased so it was decided that a new screen was required.

The USA built Terex Cedarapids LJ-TSV horizontal screen ranging in sizes from 5' x 16' (1.5m x 4.9m) to 8' x 20' (2.4m x 6m) increases production and can handle applications that are not possible with a traditional horizontal screen box because they combine a high g-force El-Jay patented oval stroke motion with variable slope.

This variable slope can operate at angles ranging from 0° to 10° allowing the screen to handle larger deck loads and operate in more applications than other screens on the market.

The increased capabilities, higher production, enhanced durability and ease of maintenance of the Cedarapids LJ-TSV make it an industry leader.

Irish Salt Mine placed the order with Terex for a Cedarapids TSV8203 triple deck triple shaft horizontal screen in April 2015 with final commissioning underground taking place in July 2015. This was all within the maintenance timeframe for the site.

The screen is running with 9mm self-cleaning flexi screen media on the top deck and 6.3mm aperture square stainless steel media on the bottom deck along with the factory supplied ball deck.

Since installation production of the overall plant has increased by approximately 10% from around 410 mtpb to 450 mtpb

Pegging of near size particles has now been eliminated along with an increase in plant utilisation/efficiency which contributes to a lower cost per tonne and increased profit.

Derek Moore, Mine Manager also commented that when the new screen was installed there was a notable decrease in noise and structural vibration compared to the original screen on site.

Record amount raised for charities at Joint Industry Charity Golf event

QPANI's annual joint industry charity golf day was great success.

Some 20 four balls competed in the event at the Hilton Templepatrick and even the weather was kind, staying dry and bright for the afternoon.

To top the day off an amazing £4,600 was raised for the nominated charities, that's a fantastic £2,300 each going to the well deserving charities, Guide Dogs and Macmillan Cancer Care.

Certainly, a good day was enjoyed by all, as our photographs well illustrate...



QPANI TEAM

Gavin McGuire, Bryan McGee,
Stephen Kelly, Gordon Best



ULSTER INDUSTRIAL EXPLOSIVES TEAM

Gary Clarke, Richard Tweed,
Neil Rainey, William Baird



LAGAN CEMENT TEAM

Johny Cole, Paul Adamson,
Darren McMillan, Philip Quinn



NORTHSTONE TEAM

Tim Roddy, Paddy Reid,
Bryan Watt, Ruairi McCloy



RTU TEAM 1

Sam McIlroy, James Hulme,
Stephen Wylie, Earl Hamilton



CONSTRUCTION TESTING SERVICES TEAM

Cyril Cush, Roy Browne,
Joe Gunning, Michael Craig



TENANTS BITUMEN TEAM

Robert Peden, Johny McQuillan,
Paul Brogan, Steven Caldwell



PATRICK BRADLEY Ltd TEAM

John Shannon, Graham Brown,
Neil Shannon, Tomas McNicholl



ATLANTIC BITUMEN TEAM

Peter Collen, Malcolm Morgan,
Ken Hood, Damian Fitzpatrick



4SM TEAM

Rob Ireland, Garfield Harrison,
Kobus, Mark Harrison



Colin Emerson presenting the 2nd placed Team prize to the Plant & Civil Engineer Team: Rob Ireland, Garfield Harrison & Justin Carrigan



Colin Emerson presenting a cheque for £2150 to Torrie Tennant of Guide Dogs for the Blind, (l-right) Richard Tweed, Torie Tennant & Gordon Best



Colin Emerson presenting the 1st placed team prize to the CDE TEAM



Colin Emerson presenting the nearest pin prize to Paul McGlone (Northstone)



Colin Emerson presenting the best gross score prize to Gary Clark



Raymond Hogg receiving the 2nd best net score prize from Colin Emerson



Tim Roddie receiving the best net score prize



Gary Clarke receiving the longest drive prize from Justin Carrigan



Colin Emerson presenting the 3rd Team prize to the RTU 3 team: Clifford Hartin, Sean Dobbin & Philip Smith



Golden Celebration for Kubota's 50,000th Excavator Sale

Kubota UK celebrated its landmark 50,000th excavator sale at this year's Hillhead Show.

To mark the significant achievement the company was exhibiting its special edition 50K 'Gold Digger', a gold painted Kubota KX-71 mini excavator. The machine was placed on the stand next to an original Kubota KH10, the very first mini excavator sold in the UK and Irish market, which was launched by the company back in 1979.

Kubota also showcased a host of new machines that were making their debut UK appearance at the show. This included high-spec versions of two of its popular mini excavators, the Kubota KX101-3 and the Kubota U27-4.

Alongside the excavators, the latest developments in Kubota's tracked carrier and wheel loader ranges were on display, including the UK premier of the KC250H-4 3 way tipping body and the latest specification of the R065. The show also saw the launch of Kubota's new partnership with Trakm8, which will provide leading telematics solutions for Kubota machines. Dave Roberts, Managing Director of Kubota UK, commented: "Highlighting our 50,000th excavator sale at Hillhead this year was a fitting occasion with it being the biggest show of its kind in the UK. "Since our first excavator sale in 1979, we haven't lost sight of the importance

of continually innovating our product and service offering for our customers, giving us the best opportunity to maintain Kubota's position as market leader for compact construction equipment."

NEW MINI-EXCAVATORS

The show also saw two new Hi-Spec versions of the KX101-3 4 and popular U27-4 excavators being introduced; they include a number of enhancements to add value for end-users, such as the inclusion of extra hydraulic pipes for powering auxiliary equipment. The two independently acting proportional control circuits ensure the machines can power a greater variety of attachments.

The new U27-4 Hi-Spec and KX101-3 4 Hi-Spec also feature new factory fitted tie down points to meet European legislation, whilst the machines have also been restyled around the superstructure panels and counterweight.

Neil Winfield, Kubota Construction's Business Development Manager, commented: "The existing U27-4 and KX101-3 3 models are market leaders in the 2 to 3 tonne and 3.5-tonne categories respectively, renowned for their power and performance to tackle the most demanding of jobs effortlessly. "Today, machines are required to work as hard as possible to maximise their return on investment. It's not just about how well an excavator can dig, operators are also using them to carry out a wide range of tasks using a variety of attachments. That's the reason why we have launched these two new Hi-Spec models with the extra hydraulic pipes. We've listened to what our customers want and provided solutions in the right weight categories that really do add value to our product offering."

Kubota's U27-4 is a compact and tough zero-tail swing mini that features the largest and most luxurious cab in its class, ensuring operators have unrivalled visibility for greater productivity and increased safety. In addition, wider and lower entrance makes the cabin simple to enter and exit. Delivering a powerful and well-balanced digging force, plus a wider working range that rivals higher-end excavators, the U27-4 allows operators to dig faster, deeper (2820mm) and



more efficiently, whatever the conditions, whilst providing excellent stability without the need of additional weights that are often required by other zero-tail swing excavators. The KX101-3 4 is one of most popular machines in its weight category due to its smooth simultaneous operation, powerful digging force and outstanding attachment versatility. The new models (conventional and Hi-Spec) have a digging depth of 3300mm and a range of 3720mm and includes a host of features to maximum performance and productivity for operators. All the new machines are powered by Kubota's own world leading engines, which exceed the current emission levels required by European legislation.

WHEELED LOADER

Kubota UK also unveiled its new R065 wheeled loader; the prototypes of Kubota's R065 compact wheeled loaders were first shown at Plantworx last year. Since then, modifications and improvements have been made for the UK market, with this latest specification making its debut at this year's Hillhead show. Kubota's R065 is specially designed to suit a variety of applications, from loading and clearing to pallet fork operations, to ensure users can get the job done faster and efficiently. The machine offers a long



The KC250H-4 3 way tipper



The new U27

dumping reach and high dumping clearance, facilitating ease of use for operators.

Adopting the articulated system with Z kinematics link with a parallel movement structure, the R065 offers superior breakout force, high levels of manoeuvrability and excellent stability, making it the perfect choice for use in all working conditions. The machine also offers excellent visibility for the operator and significant developments have been made inside the cab for maximum comfort for extended periods of operation to help increase productivity and minimise downtime. This includes a tilting steering column, low noise, an adjustable wrist rest and a modern digital display.

The R065 is powered with a Kubota Engine for a strong and powerful performance and with one of the lowest emission levels on the market. An anti-theft security system is also included on the R0 Series as standard for maximum security and peace of mind.



Kubota's celebratory 'Gold Digger'

eir Business NI helps Balloo Hire reach new heights

Balloo Hire has turned to eir Business NI to deliver a more robust communications platform for its growing business.

Significant growth in the commercial operations, expansion of its business services and the addition of new hire centres, led it to look for a more advanced network that would keep the business running at its peak and provide a platform for the future.

Working with its IT partner, Zenith Networks, the company looked for a trusted provider that would ensure uninterrupted communications and optimised collaboration between its offices and clients.

An integrated network knitting together each of the company locations was required to allow staff to securely access shared information and provide a first-class service to their customers.

The wide-area network provided by eir Business NI offers greater bandwidth and performance than before which in turn delivers better efficiency for their operations.

Mark Grundy, General Manager at Balloo Hire, said:

"Communications between our hire centres is critical to the service we offer our customers. The network we now have in place with eir Business NI gives us this reassurance and it offers us the flexibility we need to grow for the future."



Pictured from left to right are: Zenith Networks Managing Director Martin Lyons; eir Business NI Sales and Marketing director Matt McCloskey; and General Manager at Balloo Hire Mark Grundy.

Hydraulic Magnet Available for Hire

Dynaset's Lifting Magnet, which can be easily fitted to any excavator or materials handling machine, is now available for hire from Moreway Ltd, the Dynaset Dealer for Ireland.

The self contained hydraulic magnet is a true plug-and-play

solution for metal handling. The HMAG 900 model (mid range) model, for example, can handle up to 6 tonne of slab metal or 300 kg of scrap iron in each lift. It is ideal in scrap yard, demolition site, infrastructure works or other areas where lifting power is needed. The Magnet simply

plugs in to the excavator or material handling machine's boom auxiliary hydraulic connector usually dedicated for rammers, grapples or similar equipment.

After connecting either with quick coupling plate or by lifting chain, it is good to go.



The Dynaset Magnet is ideal for hire as it can be fitted to any excavator without modification. Just plug in to the rock breaker fittings and your away.



The HMAG 900 model (mid range) can lift up to 6 tone of slab metal or 300 kg of scrap iron each lift.

Moreway LTD Dynaset Dealer for Ireland
Email - info@dynaset.ie Web - dynaset.ie
Ph 00353 (0)86 152 8237 Ph 00353 (0) 1 5332875

CPA Supporting the Lighthouse Club Charity

The CPA (Construction Plant-hire Association) is celebrating its 75th anniversary this year, and in recognition of its history, the CPA is continuing its long-term support of the Lighthouse Club Charity, which is celebrating an amazing 60-years of delivering financial and welfare support to construction workers and their families.

Over the last six decades the Lighthouse Construction Industry Charity has granted over £15million to more than 14,500 families in the UK and Ireland.

The Lighthouse Club has lined up a whole host of events and challenges for their 60th year, to help fund their work within the Construction Industry, and one of the first in the calendar this summer was the Lighthouse Club Summer Ball at the Honourable Artillery Company, in the heart of London.

Colin Wood, CPA Chief Executive said, "The CPA is very pleased to continue our support of the Lighthouse Club during their

60th Anniversary year. Through a series of events, working with the Lighthouse Club, we will be helping to boost the charities funds to ensure that they have yet another successful year of fund raising for this remarkable charity."

The Construction Industry continues to experience more than 30 fatalities each year and more than 2000 major accidents that incapacitate workers. On top of that there are almost 70,000 cases of work-related illness, and more than 45 percent of all occupational cancer cases in the UK, have been directly related to working in construction. We all have a duty to ensure we make this industry safer – but also to look after the families of those people who are suffering stress and hardship as a consequence of an injury, illness or bereavement.

The Lighthouse Club receives no public financial support, so the charity relies on you and their network of 21 independent, volunteer-led regional Lighthouse Clubs to fund their vital work.

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Volvo Trucks

Underline Commitment to Construction Industry

Never let it be said that Volvo is not committed to providing the construction industry with some of the most robust and safest trucks around. Plant & Civil Engineer's Justin Carrigan recently travelled to Gothenburg to see the Volvo range in action.

Come heavy loads or come challenging terrain, the Volvo range – including the new FMX – takes it all in its stride, as we were to discover during an event aptly labelled, 'Driving Impressions: Construction & Severe Applications.'

Volvo Trucks employs a host of intelligent features that allow operators to get the job done quicker, safer, more comfortably and with better fuel economy.

Take its I-Shift technology, for example. It now comes with crawler gears, which are added to the automated transmission to provide exceptional stability for trucks carrying heavy loads in demanding situations.

This new version of I-Shift makes it possible to add up to two new crawler gears. This means, among other things, that the truck can move off from standstill and transport a gross combination weight of up to 325 tonnes.

I-Shift with crawler gears enables drivers to regulate their speed when crawling slowly and reversing. The driver can haul a heavy load without worrying about getting into situations that may lead to costly standstills.

With the new crawler gears, the truck can drive at speeds as low as 0.5-2 km/h; this obviously helps immensely during precision manoeuvres such as in construction and maintenance tasks.

AUTO TRACTION CONTROL

Another recent development is Volvo Trucks' Automatic Traction Control which activates the front wheel drive when the rear wheels lose traction on slippery or soft ground. It has now become standard in the Volvo FMX with driven front axle.

ATC consists of software connected to the wheel speed sensors which detect and control wheel drive. When a rear wheel starts to slip, the power moves automatically to the front wheels without the truck losing torque or speed. A dog clutch activates



the front-wheel drive in just half a second. The clutch is lighter and has fewer moving parts than a traditional solution with permanent all-wheel drive. If the driver encounters particularly rough ground, then it is possible to manually lock the other differentials at both front and rear.

With Automatic Traction Control, the front tyres' grip is concentrated on the steering right up until any critical situation. Thus, the driver can take advantage of the better manoeuvrability for as long as possible.

TANDEM AXLE LIFT

Also new is Tandem Axle Lift, which makes it possible to disengage and raise the second driven axle. The new function is designed for heavy duty transports with loads being carried one way and empty return trips, for instance when hauling timber or in construction and bulk cargo operations.

"With Tandem Axle Lift the second driven axle can be disengaged and its wheels raised off the road when the truck is driven empty. This offers many advantages, of which the foremost is fuel savings. Driving with the second driven axle raised saves up to 4 per cent in fuel compared with having all the axles lowered," says Jonas Odermalm, segment manager Construction at Volvo Trucks.

"Tandem Axle Lift is perfect for transports where ground conditions or gross vehicle weights demand a tandem-drive truck, but where the vehicle returns empty or lightly loaded in the opposite direction. On slippery or soft surfaces, the driver can increase pressure on the first axle by raising the second driven axle, which results in better grip and reduces the risk of getting stuck."

Tandem Axle Lift, available for the Volvo FM, Volvo FMX, Volvo FH and Volvo FH16, also offers the driver better comfort when the truck is driven empty, which in many cases corresponds to 50 per cent of the operating time. The in-cab noise level is lower and steering wheel vibration is reduced when only the tyres of one drive axle are in contact with the road.

DYNAMIC STEERING

Volvo Trucks has also released other new features aimed at improving operations within the construction sector, including Volvo Dynamic Steering for dual front axles and increased front axle loads.

Since such trucks often carry particularly heavy loads or

superstructures, the benefits are very noticeable for the driver. In addition to far lower turning resistance at low speeds, the steering wheel returns automatically to the straight-ahead position after full lock, cutting out the need for added effort in close-quarter manoeuvring and saving the driver both time and energy.

Volvo's heavy duty trucks with dual front axles increase the maximum technical capacity from 18 to 20 tonnes. Customers benefit from both improved productivity and added flexibility. The extra load capacity translates directly into increased income-earning potential, something that is particularly valuable when transporting heavy materials in construction operations.

On a 4-axle truck with a gross weight of 32 tonnes the load bed is also longer and there is greater flexibility regarding where to place a load such as gravel in a tipper body. This means maximum load is reached more quickly when loading and that the driver can be certain about meeting weight limitations. Higher load capacity above the front axles also permits a greater variety of crane configurations and allows other applications with considerable weight on the front axles.

5-AXLE COMBINATION

In order to meet the demand for heavier applications both on highways and in construction, Volvo Trucks has introduced factory-built 5-axle combinations. The two front axles permit up to 20 tonnes maximum load and the three rear axles can handle up to 36 tonnes, resulting in both increased payload and greater flexibility for customers.

This solution is also suitable for concrete pumps and large crane trucks that need uniform axle load distribution. By reducing pressure on the axles, many of these vehicles can be transported over longer distances on regular highways.

Meanwhile, customers who specify drum brakes for operation in particularly dusty or wet conditions can now benefit from the advantages of Volvo's Electronic Brake System (EBS). The system's electronics give access to a range of intelligent functions such as Hill Start Aid for better control on steep gradients. Safety is also improved thanks to integration of engine braking and retarder function, known as Brake Blending.



A First For Ploughing as It Heads for a Sell Out

The National Ploughing Championships being held at Scraggan near Tullamore in Co Offaly in September is already breaking records, with bookings considerably up on this time last year.

NPA Managing Director Anna May McHugh said: "We are delighted that so many have already committed to Ploughing because that is a real seal of approval for the event. It is the primary aim of the NPA to make the event better every year for visitors and exhibitors alike and early bookings gives us much more design time."

This year the core agricultural machinery companies, as always, will be the

anchor exhibitors of the championships showcasing hundreds of thousands of euros worth of the latest technology.

The NPA are also at the planning stage of a few new initiatives in the machinery sector of the event which will add an interesting dimension together with a range of new exhibitors.

With record crowds of 281,000 visitors in attendance last year and excitement building already about this year's new venue, signals would suggest another "great ploughing" is on the way.

The Livestock Arena, Food and Lifestyle Villages are almost fully booked with the

huge "dome" back again featuring over 100 exhibitors. The motor arena will be significantly bigger following hugely positive feedback in this sector last year.

All of the firm favourite traditional attractions are set to return this year such as Meggers, Sheep Shearing, Hunt Chase, Pony Games, Live Music and Dancing, Vintage Ploughing, Threshing, Sheep Dog Trials and Loy Digging.

In the ploughing stakes a particularly strong programme has attracted entries from all around the country and Northern Ireland bringing the number preparing to plough in Offaly over 300 for the three days.

First Genie Boom Here Now Available from KDM Hire Ltd



KDM has long been an innovator in the Northern Ireland hire market, providing specialist equipment to various market sectors.

As one of the UK and Ireland's leading equipment rental companies, it offers a vast range of equipment with over 1000 different products available for hire.

Products include a range of tracked self-levelling Scissor Lifts from Italian manufacturer Almac - and the first Genie SX150 Boom in Ireland, also one of the first in the UK.

This 'Super Boom' features a working envelope ideal for the most extreme access jobs with a vertical reach of 152ft (46.33m) and horizontal reach of 80ft (24.4m).

A Manitou 2150 Roto Telehandler was also added to the fleet along with a quantity of standard telehandlers ranging from 6 to 18 metres. The MRT 2150 Privilege Plus is a rotating all-terrain telehandler which is ideally suited to construction and industrial applications. An absolute asset for handling operations, this 3-in-1 unit is simultaneously a telehandler, crane and work platform with full 360° rotation. Further significant investment (estimated to be in excess of £3 million), including both new and replacement products, is planned throughout 2016.

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CLOSING DATE for Entries 16TH SEPTEMBER

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PLANT, CONSTRUCTION & QUARRY AWARDS 2016

GALA DINNER

THURS 24TH NOV 2016

RAMADA HOTEL BELFAST

Entries and nominations are invited from individuals or companies connected with the plant, construction & quarry industry, to enter in any or all of the categories listed

IN ASSOCIATION WITH

CIHT: Chartered Institute of Highways & Transportation • CITB NI: Construction Industry Training Board
QPANI: Quarry Products Association Northern Ireland • IMQS: Irish Mining & Quarrying Society • HAE: Hire Association Europe
IOQ: Institute of Quarrying • CPA: Construction Plant-Hire Association

PLANT & CIVIL engineer

Cowan Bros NI **CASE**
CONSTRUCTION

sponsored by



Plant Hire Company of the Year

This Award will be presented to the organisation which offers an extensive portfolio of high quality products, flexible hire options, and respected customer service policies. Entrants should outline how their company provides a level of plant hire expertise that puts them ahead of the competition, eg: product knowledge, distribution network, prompt delivery and collection, equipment options, cost effective hiring and any unique services available. Customer testimonies may also be submitted.

sponsor to be confirmed



Construction Project of the Year

This award is for the company, team or individual who has demonstrated exceptional skills, expertise, design and innovation on a construction project, be it a building, a road, a utility facility or any other similar undertaking throughout the island of Ireland, Great Britain or worldwide.



sponsored by



Tipper Operator of the Year

This Award will be presented to the company operating a fleet of tippers dedicated to the construction, quarry and civil engineering sectors. Judges will be looking for a high quality fleet of well-maintained vehicles operating within strict health and safety programmes, offering a wide portfolio of services and a high standard of vehicle maintenance. Customer testimonies may be provided.



sponsored by



Hardrock Quarry of the Year

This Award will be presented to the individual working quarry which demonstrates safe working practices, the highest levels of pollution control, sustainability, biodiversity, operational efficiency, dedication to environmental issues, strong portfolio products and services provided. Customer testimonies may also be submitted.

PLANT, CONSTRUCTION & QUARRY AWARDS 2016



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Innovation of the Year

This category is open to all civil engineering, construction and quarrying companies who have introduced, created or invested within their operations innovative solutions that make their activities more efficient, more profitable and more successful. The innovation can range from the latest equipment and facilities to cutting edge technology or environmental solutions.



sponsored by



Construction Company of the Year

This Award will be presented to the company or organisation who has demonstrated over the past year involvement with major or specialist projects throughout the island of Ireland, Great Britain or worldwide which illustrate high levels of skill within project management, innovation, specialist projects.

Customer testimonies may also be submitted.



sponsored by



Tipper Driver of the Year

This award will be presented to the tipper driver who can demonstrate a high standard of driving skills, on and off road, who has an excellent driving and health & safety record and who is dedicated to the industry.

sponsor to be confirmed



Hardrock Quarry Manager of the Year

This Award will be presented to the individual working within the quarry sector in a dedicated quarry management team. He or she must demonstrate attention to safe working practice; clear management skills; pollution control, sustainability, biodiversity; examples of working under unique conditions; health and safety practices; and submit details of what makes this individual outstanding in his or her field. Customer testimonies may also be submitted. Nominations and entries are expected from individual Quarry Managers and quarry customers.

SO HOW DO YOU ENTER?

IT'S NOT AS COMPLICATED AS YOU MIGHT THINK. IN FACT, OUR ADVICE AS ALWAYS IS: KEEP IT SIMPLE

Here are some points to consider:

The Award categories require short entries stating why you believe your company should win.

Your entry will not be judged on presentation, but make sure it is easy for the judges to readily locate the necessary information.

Any factual information, such as operational, service, financial or personal details, to back up any claims expressed in your entry should be clearly and concisely laid out.

You don't have to be a big concern to enter. You could be an individual, a company with less than 10 employees or a large national/international outfit. You will be judged on merit, not size.

The judges are looking for excellence, outstanding qualities or contributions, unrivalled service and innovation, individuals and organisations who have gone the extra mile – so demonstrate all of that in your entry; make it stand out from the rest!

If you have faced any difficulties or obstacles in achieving your goals, make sure you note it on your entry.

If you need to provide any additional information to support your entry, keep it as brief and to the point as possible. Feel free to send customer testimonies to support your entries.

ALL ENTRIES/NOMINATIONS SHOULD BE RECEIVED BY 16TH SEPTEMBER 2016

THE CATEGORIES ARE AS FOLLOWS: Tick the categories you wish to enter

sponsor to be confirmed



Sand and Gravel Quarry Manager of the Year

This award is given to the sand and gravel quarry manager who has demonstrated attention to health & safety issues, clear management skills and techniques, pollution control and prevention, biodiversity and sustainability. Examples can be given of working under extreme or unusual conditions, together with details of what makes this individual outstanding in his/her field.

sponsor to be confirmed



Sand and Gravel Quarry of the Year

This award will be presented to the individual working sand and gravel quarry which demonstrates safe working practices, the highest levels of pollution control and prevention, sustainability and biodiversity, together with operational efficiency, dedication to environmental issues, a good product portfolio and range of services.



sponsored by



Student of the Year

This category is open to students working in a civil engineering environment or other associated activities within the construction sector.

The winning student must demonstrate a high degree of dedication and commitment to the industry, outlining why he or she chose this particular career path and detailing their current and future goals. Employer references can be included in this entry.



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Civil Engineering Company of the Year

This Award will be presented to the organisation who can report on successful involvement within a wide variety of civil engineering projects including planning, construction and maintenance of fixed structures or public works throughout the island of Ireland, Great Britain, or worldwide. The information provided should demonstrate high levels of skill within project management, procurement, innovation and specialist projects. Customer testimonies may also be submitted.



sponsored by



Health & Safety Award

This Award will be presented to the company who demonstrates best health and safety management practices in the plant, quarry and construction industries. The company must have implemented detailed health and safety measures that incorporate a high level of management and workforce involvement. The company must demonstrate how it assigns H&S responsibilities and maintains competence across its organisation. Customer testimonies may also be submitted.



sponsor to be confirmed



Heavy Haulage Operator of the Year

This Award will be presented to the heavy hauler who has operated consistently and efficiently as a significant part of the industry infrastructure, moving heavy plant, machinery and abnormal loads throughout the island of Ireland and beyond. Details of unusual contracts and how they were successfully completed and demonstrate high levels of planning and co-operation with the relevant public authorities. Customer testimonies can be included in this entry.



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Specialist Contractor of the Year

This category is open to contractors involved in any sector of the industry, including Civil Engineering, Highways, Quarrying, Utilities, Construction and Groundworks.

The award will be presented to the contractor who has successfully demonstrated or employed specialist, individual, unique, and/or innovative skills on any project or scheme within the last 12 months.



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TEREX

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High Achiever of the Year

This category is for the individual or company that has achieved outstanding success such as in sales, contract wins, company expansion / development or other areas of business over the past 12 months.

It is open to any individual or company currently active in the construction, civil engineering, quarrying and plant & machinery sectors. The winner must highlight the area in which they operate, level and type of achievement, and outline any relevant factors or reasons that contributed to that success.

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Fleet Management Company of the Year

This award is open to contractors operating any size of plant, machinery or truck fleet, plant hire outlets or other fleet focused businesses within the construction sector. Entrants should be able to demonstrate how they have employed telematics systems or other technologies to efficiently manage, monitor and protect their assets and operators, both on and off site.



ENTRY FORM

HOW TO ENTER:

VISIT OUR WEBSITE www.plantandcivilengineer.com AND FILL IN YOUR DETAILS & SEND ENTRY ONLINE

You can also submit supporting corporate material – brochures etc, including photographs of projects, services or products. You can enter any number of categories but bear in mind, it is left to the judges opinion to reallocate any entry which may be more suitable to another category or an additional category.

The judges' decision is final and no correspondence will be entered into. All entries are private & confidential. The winner will remain confidential until the event.

All entries/nominations should be received by 16th September 2016 via online submission at www.plantandcivilengineer.com or email to justin@4squaremedia.net or post to 4 SM (NI) Ltd, 12 Main Street, Hillsborough, Co Down, BT26 6AE.

PLANT & CIVIL engineer

PLANT, CONSTRUCTION & QUARRY AWARDS 2016

You can't win if you're not in. The Plant, Construction & Quarry Awards, hosted by Plant & Civil Engineer, is set to be the biggest event in the Irish industry's calendar.

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Held in Belfast's luxury Ramada Hotel on November 24th 2016 the awards ceremony starts with a superb Gala Dinner.

Start preparing your entries. You simply cannot afford to miss it!

All inclusive tickets cost just £85 each – a table of 10 works out at £850. Anticipated demand is likely to be brisk, so act now to ensure your presence at the event of the year!

**For further information, telephone
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Invoice Address: _____

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Dress Code: Gentlemen - Lounge Suit. Ladies - Cocktail Dress

The above prices are plus VAT and will be shown as such on the official receipt.

THIS PRIORITY BOOKING FORM TO BE POSTED TO: **Plant & Civil Engineer**, 12 Main Street, Hillsborough, Co. Down BT26 6AE or email table or seating requirements to justin@4squaremedia.net

BAM's Work in Ireland Recognised

BAM was the big winner at the recent international Partnership Awards - the most prestigious event in the global Public Private Partnership (PPP) industry's calendar - with the excellence of a number of its Irish projects being specifically recognised at the ceremony.

BAM won four awards on the night, including one for the Schools Bundle 3 project, which saw the construction of eight schools on behalf of the Department of Education and Skills. BAM also won awards for Best Developer and Special Purpose Vehicle (SPV) Management Company of the Year.

PPP has played a key role in the delivery of Ireland's health, education, and transport infrastructure in recent years. BAM has provided the necessary equity for important infrastructure and then take full responsibility for the project's design, construction, operation, and maintenance for a 25 year period. The state retains ownership of the asset under the agreement and when the concession period expires, usually after 25 years, the asset reverts to full state ownership.

Discussing its selection of BAM for the overall Best Developer award, the Partnership Awards judging panel highlighted the company's record of developing new technical and financial solutions for its diverse projects, delivering projects on or ahead of time and within budget, and its excellent relationship with its public sector counterparts.

BAM was also selected as SPV Management Company of the Year. SPVs are integral to the PPP model, because they bring together the construction firms, lenders, and public bodies in a separate commercial venture to oversee and manage the development of individual projects. The judging panel commended BAM's dedication to building strong and lasting relationships with clients and stakeholders; in particular, they noted BAM's development of new approaches to increase the flexibility in contracts while at the same time offering security to sponsors and lenders.

Another 'First' for Ace Machinery

Ace Machinery Ltd, A&Y's Yanmar construction dealer for Ireland, have recently sold the first of the new C50R-5TV tracked carriers with turning skip.

This compact 6 tonne carrier, with a payload of 3.5 tonne and Yanmar's new EU Stage 5 ready engine, has been purchased by Longford Hire Centre.

As a comprehensive provider of plant and equipment to the construction sector in Ireland; Longford Hire Centre's requirements for a tracked carrier of compact dimensions, unsurpassed manoeuvrability and low ground pressure were ideally met by the C50R which has been

dubbed the "lightfoot" by those in Yanmar.

This benefit is in addition to the increased functionality the rotating skip gives the machine.

Having a turning skip will mean users have 180° dumping capabilities, perfect for work in tight job sites and alongside trenches.

Further changes in the C50R-5TV have seen the cab size increase. As the air suspension seat and levers swivel, allowing the operator to always be facing in the direction of movement, space and comfort are key. This swivel feature leads to a safer working environment,

reduced damage to the work site and higher productivity, as less turns are required.

The cab has also been fitted with a new improved switch layout as well as the new Yanmar LED display, which displays crucial machine information, including the automatic DPF maintenance status.

Andrew Kennedy of Ace Machinery is hoping the deal will be the first of a number of C50 carriers coming into Ireland.

New mid-range counter-balance truck offers affordable productivity

Yale Europe Materials Handling is to launch a brand new ICE counter-balance truck offering businesses a solution which has the high quality and reliability expected from Yale whilst being affordable.

The MX series, being manufactured in the company's Craigavon plant, is tailored to businesses with a variety of materials handling workloads and is initially available in 2.0, 2.5 and 3.0 tonne capacities. Yale product manager for counterbalance trucks, Karen Calver, says: "This is a brand new truck designed with tried and tested Yale technology.

"In the MX series we have assembled a solution which offers all of the high standards associated with the Yale brand. Dependability, serviceability, ergonomics, productivity and low cost of ownership are not simply on our wish list, they are the principles that define a Yale product to its core – and we are excited that the MX series comfortably meets all these criteria.

"The affordability of a truck throughout its lifetime is extremely important in this very

competitive sector, and that is where we believe the MX series comes into its own."

The MX series follows the same design language as the Yale Veracitor VX series, which is the premium product in the Yale range. It is available in diesel, LPG, and dual-fuel configurations, with service intervals of 500 hours and the full back-up of Yale and its extensive dealer network.

Economical to run, the MX series has a full suite of modern ergonomic features with driver comfort at the forefront of design and excellent noise and vibration performance. It is responsive and highly productive, bringing affordable productivity to a wider range of customers.



view from the cab

CASE CX130D Crawler Excavator

Arona Developments have always been a big fan of the Case brand and perhaps it was inevitable they were among the first contractors here to acquire one of the new, improved CX130D models, so Plant & Civil Engineer's David Stokes went along to get the view from the cab.

Established over a decade ago, Arona Developments, one of the leading house builders in the province, are currently working on a luxury 48 home development in Markethill in County Armagh where the new Case CX130D is earning its keep.

The 13 tonner, supplied by dealers Cowan Bros, is the fourth Case machine the company has bought over the years and it replaces a CX130C model.

Operator Ian Gillespie, who has been driving diggers for more than 15 years, has been clearly impressed with the performance of the CX130D since it came on site just a couple of months ago, mentioning in particular its good fuel economy and excellent visibility from the cab.

Powered by an Isuzu Tier 4 SCR 102hp engine, its advanced energy management provides solid fuel saving opportunities and lower emissions, and helps, of course, to prolong the life of the machine.

There are five Energy Saving controls. Torque control decreases main pump loads to prevent a drop in engine rpm, with improved sensitivity to control and monitor main pump loads, while Boom Economy Control provides increased fuel efficiency during boom lower and swing operations, like dump unloading.

The Swing Relief Control manages the hydraulic power distribution in slewing operations to deliver the most efficient flow and pressure, and the Spool Stroke Control creates an automatic pressure adjustment during digging and levelling operations. In addition, the Auto Idle function lowers engine RPM after five seconds of lever inactivity whatever the throttle position, while the Idle Shutdown function shuts the engine down after three minutes of inactivity. Both are manually switchable.

The maintenance-free SCR engine is also very economical in its use of AdBlue, which is just 2.5%- 3% of fuel consumption. The AdBlue tank only needs to be refilled every 10 fuel refills, so that no time is wasted.

The new CX130D achieves up to 5% faster cycle times and greater power thanks to an improved hydraulic system with a new electronically controlled hydraulic pump, a larger control valve and a new solenoid valve. Oil flow can be adjusted according to working needs, or increased smoothly while starting travel and boom down.



Comfortable Cab

The excavator can be working on site for up to 12 hours some days, so operator comfort is vital. The new and improved soundproof cab provides a stress-free working environment, with lower noise and vibration levels and is more comfortable than its predecessor, says Ian. The cab is also more easily accessible with extra entry room and plenty of space for your feet.

The air-suspension seat, too, is larger to reduce pressure points, and features an adjustable lumbar system, with an innovative armrest design that also

adjusts independently of the console while still ensuring joysticks are always comfortably within reach. Even the pedals can adjust $\pm 22^\circ$ to suit personal preference.

The cab also features a bluetooth tuner and radio, a spacious storage compartment and storage tray, 12v accessory plug, clipboard holder, mobile phone holder, and a warm and cool box, while a 7" widescreen colour monitor provides a constant rear camera view for increased awareness – all designed to make life that little bit easier for the hardworking operator.

"Good visibility is essential," says Ian, "especially when working on busy sites and restricted areas around houses as we do,



and the CX130D doesn't disappoint. Some other diggers have a high back, reducing the view, but the Case has ample glazed areas and good lighting, although we had extra lights fitted which will give us even better visibility during the winter months."



Service & Support

Servicing has also been made easier on the CX130D model. All filters and regular fill points are grouped for easy access, and the engine oil change intervals are set at 500 hours.

The radiator and cooler cores are mounted side by side for easy access for cleaning and more efficient cooling and the dust-proof net in front of

the radiators is accessible from the ground. There's even a battery shutdown switch to allow for safe maintenance on the electrical system. Aftersales support from the dealer, of course, is always an important consideration and says Ian, "We are very well pleased with the service we get from Cowan Bros. We have a good

working relationship with them. They never let us down and their response times are excellent, being only just a phone call away. There was a recent occasion, for example, when some warranty work was required and they provided us with a replacement while that was being carried out, meaning we experienced no unnecessary downtime."



Vernon Coaker, SSoS NI (second right), pictured with Hamilton Architects Partners, from centre left, Mark Haslett, Seamus McCloskey and Paul Millar, at the launch of their new London offices during an event at Westminster hosted by Northern Ireland MPs Alasdair McDonnell (left) and Gavin Robinson.

Hamilton Architects Launch London Office At Westminster

A high profile audience of 60 construction, development and design experts attended the Westminster launch of Hamilton Architects' London office.

Key speaker Vernon Coaker, Shadow Secretary of State NI, praised the expertise of Northern Ireland firms and commercial collaborations which are taking local talent on to the world stage. Oliver Colville MP, Chair of the APPG on Excellence in the Built Environment, said that businesses like Hamilton Architects had a key role to play in informing future planning, design and building strategies. The event, at the home of the Institution of Mechanical Engineers at One Birdcage Walk,

was co-hosted by Gavin Robinson MP and Alasdair McDonnell MP.

A large contingent from The London Irish Construction Network also attended, along with representatives of the capital's housing associations and councils.

Mark Haslett, Hamilton's lead Partner for the event, said:

"Attracting such a high profile audience demonstrates that Northern Ireland talent like ours can still punch way above its weight in a competitive environment like London.

"Our new offices at 55 Old Broad Street represent an investment of £750k as we embark on an ambitious 5-year growth plan which aims to boost turnover by 50% and increase staff to 65 over the next couple of years."

Hamilton, who have already clinched a contract to provide social housing for Ealing Council, announced a strong start to 2016 by winning £30m of contracts in the education sector.

At this month's RICS Awards, Mark and fellow Partners Seamus McCloskey and Paul Millar picked up accolades for the SERC SPACE Building in Bangor and Seaview Hall at Glenarm. Hamilton are the design brains behind headline projects like the new National Stadium for NI, Kingspan Stadium, Dundalk Race Course, Riddell Hall, Crumlin Road Gaol Visitors Centre, Ulster Museum, Mersey Ferry Terminal and greyhound stadiums in Cork and Dundalk.

Major Road Improvement Scheme Progresses

Gibson (Banbridge) Ltd are making steady progress on the £6 million road improvement scheme at Millennium Way in Lurgan, Co Armagh.

The project includes 430 metres of new road from Malcolm Road to Gilford Road in the town and will also include an upgrade of the junction between Millennium Way and Malcolm Road to a signalised crossroads, as well to the existing roundabout at the junction of the Banbridge Road and Gilford Road.

Infrastructure Minister Chris Hazzard explained: "This new road will relieve congestion along the A3, helping to reduce journey times and improve journey time reliability along this strategic route. It will also reduce traffic flows in the local residential areas."

The scheme, which will take around six months to complete, will also accommodate cyclists and pedestrians and will provide an alternative route for traffic, reducing demands on some of the heavily trafficked links and surrounding junctions within Lurgan town centre.

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Latest Innovative Screw Compressor from Hi-Power

The new MH6 Screw Compressor from Mouvex is the world's first combination screw compressor/power takeoff (PTO) unit that is compatible with a truck's gearbox, making it ideal for dry-bulk transport applications.

Available from sole Irish Distributors Hi-Power who have depots in Cork, Dublin and Belfast, the MH6 has been designed to offer many benefits to the end-user in dry-bulk transport applications, while at the same time offering a 70% weight reduction when compared to existing equipment. The culmination of four years of cooperative effort between Mouvex and Hydrocar, the MH6 combines Hydrocar's innovative PTO device and the Mouvex screw compressor principle, resulting in a solution

for dry-bulk fleets that is lighter and less expensive than traditional equipment.

Other notable features and benefits include:

- Compact design with no drive shaft or mounting bracket (for easier installation on Euro 6 truck)
- Plug and Play" installation
- No exposed rotating shafts for improved safety
- Maximum transfer rates (up to 600 m³/hr / 2.5 bar)
- Quiet, low-noise operation
- Maintenance Free (Oil comes from truck gear box)

Thanks to the lighter overall weight of the system, the MH6 is able to provide fleets with increased turnover per truck

per year that equates to improved revenues, while also meeting Euro 6 requirements.



TANK-ex₁₆



Balmoral Show Review

Sun Shines on Record Breaking Balmoral Show



This year's Balmoral Show attracted upwards of 90,000 visitors, with agricultural and construction plant and machinery exhibitors reporting busy stands over the three days of the event.

There are now talks about extending the show to four days, although RUAS chief executive Colin McDonald says there are many aspects to be considered before that might become a reality, such as the logistics of livestock and trade exhibits and the logistics of the show itself.

Getting into and out of Balmoral Park this year also proved challenging, with some people caught up in traffic queues for hours on end.

Among them was MP Gregory Campbell who has called for 'a fundamental change' in traffic management for next year. That said, once visitors got to the show, there was plenty to compensate for any delays.

Among those visitors was a host of well-known faces, including Olympic boxers Paddy Barnes and Michael Conlan, Northern Ireland goalkeeper Roy Carroll,



Best Trade Stand displaying other equipment and vehicles was awarded to McCormick MacNaughton. Pictured are Robert MacNaughton, Ray O'Keefe and John Wells with RUAS President Billy Robson, Chief Trade Stand Steward James Morrison and Trade Stand Judge Denis Dooley from New Forest Show



THE HX AND HL RANGE OF EXCAVATORS AND WHEEL LOADERS JUST GOT BIGGER!

Hyundai is introducing three new excavators including two short tail machines - HX380 L, HX235 LCR, HX145 LCR. Also two brand new wheel excavators - HW140 and the HW210. New to the HL range of wheel loaders are the HL940 TM the HL955 TM tool master machines the HL940 and the HL980.

Balmoral Show Review



BEST TRADE STAND

Best Trade Stand displaying farm and horticultural equipment was awarded to Lely. Pictured are Tomás Cooney and Jim Irwin with RUAS President Billy Robson, Chief Trade Stand Steward James Morrison and Trade Stand Judge Denis Dooley from New Forest Show



BEST TRADE STAND

Best Trade Stand not displaying equipment or food was awarded to Moore Concrete. Pictured are Keri McGivern, Wilbert Moore and Jeff Haslett with RUAS President Billy Robson and Trade Stand Judge Denis Dooley from New Forest Show

and First Minister Arlene Foster and Deputy First Minister Martin McGuinness.

Meanwhile, Stand co-ordinator David Laidlaw said he was delighted that in the agri and construction equipment sectors, there had been a 99.9% retention rate by exhibitors, with two additional construction sector exhibitors able to book stands this year.

The sector was certainly well represented, with exhibitors including McSharry Bros, Glendun Plant, Northern Lift Trucks, Finning Caterpillar, Sleator Plant, TBF Thompson, Northern Excavators, Pat O'Donnell, D A Forgie, WAC McCandless, Wilsons of Rathkenny, Alan Milne, Johnson Gilpin and Cowan Bros.

There again this year, too, was our sister magazine's Sustainable Village, providing a showcase of innovative products, materials, ideas and information across the entire spectrum of the environmental, waste management and renewable energy industry.

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Balmoral Show Review

TRADE STAND WINNERS

As is tradition, trade stands came under the scrutiny of a team of judges seeking to find the best in each sector.

The award for the Best Overall Trade Stand at the Show went to Asda. Other winners included Lely for Best Trade Stand displaying farm and horticultural equipment; Johnston Gilpin for Reserve Best Trade Stand displaying farm and horticultural equipment; and McCormick Macnaughton for Best Trade Stand displaying other equipment and vehicles.

The Reserve Best Trade Stand displaying other equipment and vehicles was awarded to Ballyward Plant, while the award for the Best Trade Stand not displaying equipment or food went to Moore Concrete, with Gibson Paving winning Reserve Best Trade Stand not displaying equipment or food.



Reserve Best Trade Stand displaying farm and horticultural equipment was awarded Johnston Gilpin. Pictured are Craig Fitzsimons, Randal McConnell, Robbie Hewitt and Gethin Evens with RUAS President Billy Robson and Trade Stand Judge Denis Dooley from New Forest Show



Reserve Best Trade Stand not displaying equipment or food was awarded to Gibson Paving. Pictured are Sharon Gibson, Jim McKendry and Chris Farr with RUAS President Billy Robson, Chief Trade Stand Steward James Morrison and Trade Stand Judge Denis Dooley from New Forest Show



Reserve Best Trade Stand displaying other equipment and vehicles was awarded to Ballyward Plant. Robert McAlerney is pictured with RUAS President Billy Robson, Chief Trade Stand Steward James Morrison and Trade Stand Judge Denis Dooley from New Forest Show



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Balmoral Show Review



N.Lift Trucks



McSharry Bros/Kobelco



Alan Milne stand



Glendun Plant



Finning CAT stand



Weidemann Ireland Stand



Maxol Stand



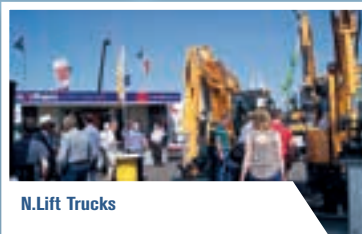
Blaney Gears



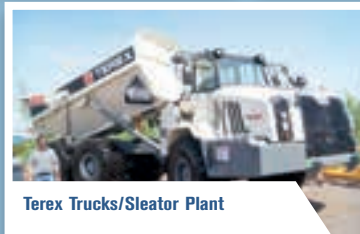
N.Lift Trucks/Manitou



Pat O'Donnell



N.Lift Trucks



Terex Trucks/Sleator Plant



Glendun Plant



Cowan Bros/Case



TBF Thompson



MPM Stand



Balmoral Show Review



McSharry Bros



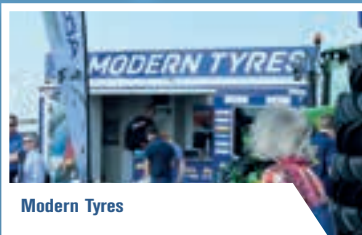
Ormonde Machinery with their Terex Finlay machine



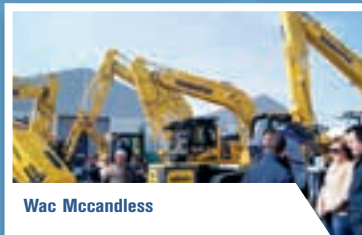
Doosan Wheel loader on the Northern Excavators stand



TBF Thompson Stand



Modern Tyres



Wac Mccandless



Wac Mccandless



Essener Equipment with their Avant machines



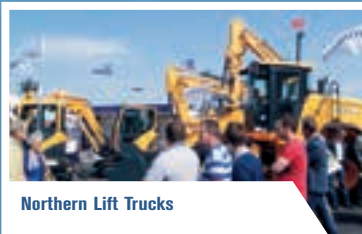
Pat O'Donnell stand



Pat O'Donnell/Avant Stand



Northern Excavators



Northern Lift Trucks



Glendun Plant



BC Plant



Northern Excavators



Northern Excavators



Finning CAT stand



Balmoral Show Review



Finning CAT



Finning CAT



Modern Tyres



Northern Excavators



Ballyward Plant



McCormick Macnaughton stand



McCormick Macnaughton/SANY



kRAMER Stand



Darryl Magee & Mr Macnaughton



McCormick Macnaughton



McCormick Macnaughton



D.A Forgie stand



D.A Forgie/KUBOTA



NC Engineering



N.Lift Trucks/Manitou



Sleator Plant



Pat O'Donnell/Volvo



Cowan Bros



Cowan Bros



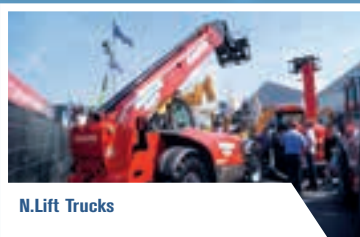
TBF Thompson



Spence Engineering



Ormonde Machinery/Terex Finlay



N.Lift Trucks



Wac Mccandless/
Komatsu machines

Weidemann Ireland Join Forces with Balloo Hire to Break into the Agricultural Hire Market



Weidemann Ireland are to supply Balloo Hire with the first three T4512 telehandlers, enabling Balloo to meet the demands of the agricultural hire market.

Weidemann Ireland Sales Manager John O'Boyle recently delivered the first three

T4512 to Balloo's Belfast site in the shadow of the iconic Belfast ship yard.

The Bangor and Ballyclare Hire Centres will be receiving a machine each, as their target area is more agricultural based and the demand is already there. This is an exciting new venture for both Weidemann Ireland and Balloo Hire, and both businesses are looking forward to a successful partnership.

Mark Grundy, Balloo Hire General Manager said: "We noticed an increase in customer demand for this machine so therefore decided to expand our current 4m telehandler fleet by investing in several new machines. Our telehandler hire fleet now ranges from 4m – 18m. The choice to go with Weidemann was made on weight, quality, versatility and popularity among our customers.

"We already have a few Weidemann telehandlers in our fleet so had more than enough confidence in the brand. We were impressed with the deal offered from Weidemann Ireland and overall level of customer service received."

These compact Weidemann telehandlers are unique in the combination of lift height, width and machine capacity. With a 1.2T payload and a lifting height of 4.5m, you are absolutely stable and well-equipped for many different tasks – perfect for the hire market.

Sales of the T4512 have been soaring in Ireland over the last 3-4 years, due to its

compact size and suitability for such a wide variety of jobs. The popular telehandler is perfect for use within the agricultural, horticultural and equestrian sectors, which means Balloo can meet and exceed the needs of a wide variety of customers.

A Weidemann T4512 is the ideal model for hire customers due to the many user friendly features and complete versatility of the machine. Thanks to the all-wheel steering and the undivided chassis, Weidemann telehandlers are particularly manoeuvrable and very stable. The telescopic arm is designed to be sturdy and stable and is placed in the centre of the machine, which causes little distortion.

Telehandlers from Weidemann are built extremely compactly, and you reach amazing lift heights with the best stability and compact dimensions. They are perfect for the agri market; ideal for cleaning poultry houses or calves pens. They work extremely well in these confined spaces, and as these farm jobs are only completed 3-4 per year, the hiring option is a perfect solution for the farmer.

Balloo Hire have had a long relationship supplying machinery to the agricultural sector throughout Northern Ireland. They have experienced a recent growth in terms of demand in this market, and therefore see an opportunity to target customers with Weidemann telehandlers.

"The 4m telehandlers are very popular among the agricultural sector as they are used for special lifts and tight manoeuvrability is priority," commented Mark Grundy.

Weidemann Ireland supplied all three T4512's with euro head stocks. Most farmers have a tractor and loader with euro head stock so the opportunity exists for hire within this sector. Large selections of attachments are available meaning a T4512 can be used as a multi-tool. Thanks to the hydraulic quick-change system, attachments can be easily and conveniently exchanged. In this way the machine is ready for application at once, saving customers time especially if hired for a short period of time. The width and height of all machines is less than 2 metres which is why they are ideal for use in confined spaces and are therefore unique in their combination of lift height, width and machine capacity.

Additionally this T4512 model is 2.7T meaning it can be easily towed. This particular Weidemann telehandler can be transported on a 3.5T trailer, meaning there is no hassle.



Kubota strengthens its presence in Ireland

Kubota UK has strengthened its presence in Ireland following the announcement of two key appointments that compliment and enhance its support and service offering for this important region.

Kevin Pryce has been appointed as Kubota's new Agricultural Dealer Manager for Ireland and Scotland, whilst Gary Walsh takes up the role as Regional Service Representative for Ireland.

Kevin and Gary will work closely with Sam Thompson who has been Dealer Manager for Ireland for several years, and has been instrumental in growing the business, necessitating this expansion of the team. Sam continues in his role focusing on the core products of Construction Equipment and Tractor & Groundcare machinery. Kevin Pryce joins Kubota from SAME Deutz-Fahr. With 20+ years of experience in the agricultural market, Kevin brings a wealth of knowledge to his role at Kubota, where he will be responsible for

sales and dealer relationships across Ireland and Scotland for all Kubota agricultural sales. Commenting on his appointment, Kevin said: "It's an extremely exciting time to join the Kubota team, during what is a period of significant investment in the agricultural business and the growth of its higher horsepower tractor range. "In my previous role I was central to the restructuring of the Irish dealer network, replacing underperforming dealers with those who better represented the company ethos, whilst also ensuring that dealers were ready for incoming higher technological specification tractors. This experience will be key in my new role with Kubota, especially with the launch of M7001, and I'm looking forward to the challenge ahead for me and the brand as it continues with its growth objectives."

Gary Walsh takes up his role at Kubota having previously worked as the service manager at

Kilkenny-based agricultural dealer Murphy Machinery. Gary brings a wealth of experience to his role, having started in the industry as an apprentice and working his way up to the position of service manager over a 10 year career to date, gaining valuable experience at AGCO dealer O'Shea Sales and during his apprenticeship at Thorpe Machinery Sales.

In his new role, Gary is responsible for working with Kubota's extensive dealer network in Ireland across Kubota's complete product range, including its agricultural range of tractors, market leading groundcare equipment and high performance compact construction equipment. In addition, Gary is also the service representative for Kubota engines, working in partnership with the company's sole engines distributor in Ireland – South Coast Diesel.

As part of his role, Gary will assist Kubota's dealers and end-users on all aspects of product and



Kevin Pryce, Kubota's new Agricultural Dealer Manager for Ireland and Scotland

after-sales technical support, including the provision of training, along with engaging customers in Customer Satisfaction activities. He will also be responsible for the administration of warranty policy and procedures.

Dave Roberts, MD at Kubota, said: "The addition of Kevin and Gary to our team really illustrates the importance we place on the Irish market and our commitment to continue our growth and success in these regions. Critically, these appointments support and enhance our goals to provide a first class service to our dealer partners, ensuring we can meet and exceed the expectations of our end-user customers in Ireland."



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Introducing the new Liebherr LH 110 C High Rise Port Litronic material handler

Liebherr's new LH 110 C High Rise Port Litronic material handler complements the existing industry and timber product lines.

The LH 110 High Rise Port is available in wheeled, crawler or gantry undercarriage variants with standard or high-rise cab configuration. The LH 110 High Rise Port handler's remarkable power capacity and low fuel consumption sets new standards in terms of efficiency.

The LH 110 C High Rise Port Litronic is designed for quick and efficient handling of bulk and general cargo in ports. Its configuration includes an angled 13.0 m boom and a straight 12.0 m stick. The stick, with hydraulic quick-coupler, in combination with the Liebherr multi-coupling system for hydraulic lines, gives the machine the necessary flexibility for diverse port applications.

The configuration also includes a Liebherr grapple model GMZ12, which is for bulk material and has a capacity of 8.0 m³. Other highlights are the hydraulic double-pivot cab, with infinitely adjustable height and forward movement, and sliding doors with access at ground level. In addition, the LH 110 C High Rise Port features a robust crawler undercarriage with extra tower height of 2.0 m and the patented energy recovery system (ERC) as standard.

HIGH SYSTEM POWER

The Liebherr LH 110 C High Rise Port is powered by a 6-cylinder Liebherr diesel in-line engine designed to meet Stage IV / Tier 4f emission standards. The LH 110 High Rise Port has an engine power of 300 kW / 408 HP and, thanks to the ERC system, is able to deliver a total system power of 431 kW / 586 HP. With the newly-designed configuration, the LH 110 C High Rise Port achieves load capacities of up to 10 tonnes with a range of over 20 m. The working radius of the machine is up to 27 m. The new LH 110 C High Rise Port handler combines intelligent electronics with sensitive hydraulics, thereby ensuring both extremely precise, finely-controlled work and fast, powerful movements. The sophisticated machine control system ensures optimal adaptation of the hydraulics for the specific operation. Both speed and strength are there when they are needed.

With intelligent machine control, the interaction of the drive components is optimised in terms of efficiency. The Liebherr Power Efficiency (LPE) system enables the machine to combine maximum performance with the lowest possible fuel consumption.

Fuel consumption is further reduced thanks to the award-

winning ERC system so that total fuel savings of up to 30 per cent are possible with a simultaneous increase in handling capacity compared to the LH 110 C High Rise Port's predecessor, the R 974 C Litronic.

OPERATOR COMFORT

The cab of the new LH 110 C High Rise Port material handler offers optimal operator conditions for productive and focused work. Operator comfort is enhanced by the ergonomic design featured on the control consoles and operator's seat, along with the excellent panoramic view and low noise levels.

Standard features include comfort seat, proportional left and right control and joystick steering for mobile machines, which boosts the comfort of the operator. Large cab windows, overall hydraulic cab height, as well as rear and side monitoring, offer the best possible view of the working area at all times thereby ensuring that safe handling of the machine is always guaranteed.

The new LH 110 C High Rise Port material handler from Liebherr is designed specifically for requirements in port handling.



Sixty countries get in on the bidding at Donington Park auction

"Going.., going.., and I ..., sold it to the gentleman in the back! What's your buyer number, Sir?"

Yes, the heavy equipment auctioneer Ritchie Bros. recently held its third UK auction of the year in Donington Park (Derby).

The three auctions combined, Ritchie Bros. sold 3,080 lots on behalf of 270 businesses and registered 2,230+ bidders. Hundreds of onsite and online bidders from 60 countries were drawn to the unreserved public auction in May, eager to get a good deal on a piece of equipment of their choice. At the end of the day all lots were sold to the highest bidders – a third of them from outside the UK.

In the weeks before the May auction, over 90 companies added equipment and trucks, together offering a variety of 1,000 equipment items, including diggers, tractors, loaders, trucks, a



ccess platforms and more. A highlight of the auction was a complete dispersal package from demolition company A O C, which included a Komatsu PC360LC-10 hydraulic excavator that sold for £92,500 to a bidder from Belfast.

Ritchie Bros. will hold its next unreserved public auction in Donington Park on Tuesday, July 12th. Anyone interested in buying or selling at this auction should visit www.rbauktion.co.uk or phone the UK auction site at (+44) 1332.819.700.



Looking to buy or sell equipment?

Ritchie Bros. is the world's largest industrial auctioneer. From humble beginnings we've grown to serve equipment buyers and sellers all over the world.

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Online Bidding Boosts Euro Auctions Event



Euro Auctions latest event at it's Dromore site attracted bidders from more than 38 countries, with some 32% of deals online.

There were over 1,200 lots on offer over the two days of the auctions which pulled in more than 700 bidders from countries, apart from Ireland & the UK,

that included France, Netherlands, Portugal, Germany, Japan, Turkey, Saudi Arabia, Canada, Australia and New Zealand.

Among the vast range of items sold were excavators, tele handlers, rollers, backhoes, cars, vans, jeeps, commercial, forklifts, site dumpers, tracked dumpers and wheeled loaders.

Highlights of the latest auction included an unused CAT 320EL, 2007 Volvo L150F, 2005 CAT D6R LGP, 2013 New Holland T7.210, 2009 Claas Arion 630 x2, 2011 DAF X105-510 x4, 1992 Scania 143M-500 Centurion – number 22, Scania 142M Bullnose, 10-11 Vauxhall Combo Crew Vans x10, 2013 Audi A4, 06-07 Volvo A30D x2.



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Unused CAT 320EL



2013 Doosan
DX225LCA



Unused CAT 313 FL GC



2013 JCB JS145LC



11-14 JCB JS130LC
- choice of 18



2013 Hitachi
ZX130LCN-5B



2007 Liebherr A934C



2013 Liebherr
A311-LITRONIC



2010 CAT 308D



11-12 JCB 8065RTS
- choice of 3



2007 Yanmar VI045CR



2006 Komatsu
PC27MR-2



07-10 Kubota KX36-3
- choice of 8



2008 CAT D6K LGP



2005 CAT 140H



08-11 Volvo A40E
- choice of 10



05-07 Volvo A35D
- choice of 4



2008 Volvo L180F



Unused Shugong
ZL918A - choice of 3



2014 CAT 428F



2012 JCB 3CX P21 ECO
- choice of 2



Unused JLG 4017RS
- choice of 2



11-13 JCB 535-140 HI
VIZ - choice of 22



Unused Bomag
BW213D-5 - choice of 2



2013 Ammann ASC110



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IronPlanet and Finning Unreserved Public Auction a Resounding Success



IronPlanet has announced strong results from its inaugural European Unreserved Public Auction, hosted in association with Finning UK & Ireland.

The unique land based auction event was held at the famous Rockingham Motor Speedway in Northamptonshire and was attended by 17,580 prospective buyers both physically on site, as well as through IronPlanet's online platform. All 176 items that were up for auction were sold, which amounted to approximately £4.9 million in gross merchandise volume.

Attendees were presented with a wide range of quality Cat equipment that was provided by IronPlanet's renowned industry partners, including Finning UK & Ireland, which was the primary contributor of machines, but also a number of other partners which included Ardent Hire Solutions. Telehandlers, track excavators, mini excavators, medium dozers and articulated trucks were just some of the machines available for purchase – all of which were in excellent condition, had low hours and low mileage. "To have sold every single item to buyers that either attended the auction in person

or through IronPlanet.com is a testament to the work the IronPlanet and Finning teams did to make this auction happen, but more importantly, it is a reflection of the demand that there is for this equipment worldwide," said Felipe Fernández-Urrutia Massó, Vice President of European Sales at IronPlanet. "We had bidders from 33 countries, all of whom were reassured by both the Cat® and Finning brands, as well as IronPlanet's own IronClad Assurance equipment certification and inspection reports. All in all, the whole event was a tremendous success and we look forward to hosting more land based auctions with our partners in the future."

Sales were generated by those attending the auction in person and via IronPlanet's worldwide online marketplace. Buyers came from 23 countries, including the United States, Canada, four countries from the Middle East and 17 countries across Europe.

Onsite attendees were presented with a number of additional perks, including live machine demonstrations, direct contact with machine experts from IronPlanet and Finning, as well as a host of activities on the day which included rides around the speedway in NASCAR stock car racers.

The UK onsite auction is a result of IronPlanet's merger with Cat Auction Services in April 2015, and is the first of its kind in Europe following a series similarly successful events that were held in North America and Canada.

Given the proven demand within the European market and the strong foothold which has been established in the UK, IronPlanet has announced two further land based auctions in 2016. They are to be held in Belgium on October 8th and in the UK on October 16th.



ICE BIM 2016

IMPLEMENTING DIGITAL EXCELLENCE
19 OCTOBER, PARK PLAZA VICTORIA, LONDON

Since the 2011 UK Government mandate for the use of BIM on publicly funded projects, there has been a steady uptake of model adoption. However, some confusion still remains around Level 2, with concerns that half of organisations are not ready to comply with the 2016 requirements.

In order for BIM Level 3 to take-off, Level 2 must be clearly understood, widely adopted and efficiently implemented. On 19 October, the Institution will gather Government and industry leaders to facilitate collaboration and provide delegates with all the necessary tools and knowledge to move forward.

ICE BIM 2016 will clarify Government requirements, share best practice of BIM Level 2, showcase projects and case studies, and provide in-depth analysis and guidance for the future through dedicated workshops and panel discussions.

WHO SHOULD ATTEND?

- Civil, structural, buildings services and MEP engineers
- Contractors
- Consultants
- Architects
- Quantity surveyors
- Clients (owner/operators)
- Central and Local Government

WHY ATTEND?

- Follow one of three sector-specific (rail, road, water & energy) streams and hear from peers who have efficiently implemented BIM
- Choose from six dedicated workshops on how to take full advantage of BIM's tangible benefits
- Engage in interactive panel discussions aiming to foster collaboration and drive digital innovation and interoperability
- Increase understanding of the Employment Information Requirements and discuss data sharing
- Share knowledge with international colleagues and gain a better understanding of how cross-country collaboration can benefit all
- Take part in a thought leadership discussion on making BIM Level 2 'Business as Usual' by 2020

WHAT PAST DELEGATES HAVE SAID

- "An excellent insight to the current positioning of where the UK stands with BIM."
- "I will be coming each year. I have taken a lot from the event and there is plenty of thinking ahead"
- "The ICE BIM conference is certainly becoming the benchmark across the world"
- "Great event, thoroughly enjoyed it. It's the best BIM event in the industry"
- "Another really good event in a great series. Looking forward to the next one"
- "Great event - right people in the room, right speakers, right topics, very up to date information."

Preview the full programme and
register at **ice-bim.com**

Renault Trucks Key Part Of Multi-Million Pound Wincanton Investment

As part of a multi-million pound investment in new vehicles for its UK-wide construction network, Wincanton has significantly increased the size and capability of its fleet and selected the Renault Trucks Range T as the latest addition to its 200+ dedicated construction vehicle line-up.

The twelve 44 tonne Range T460 6x2 tractor units with sleeper cab, which are part of a wider outlay in new vehicles, add to the existing 21 Range Ts (including two Night and Day cabbled Range T430 6x2s) purchased last year and will be used to carry building materials.

The Range Ts are a seamless replacement for the current

fleet but with specification enhancement for FORS and CLOCS compliance, and are being supplied on an operating lease with R&M support via Wincanton's in-house maintenance provider, Pullman Fleet Services.

Previously favourable experiences with Renault Premiums, driver acceptance and good operating costs were key to Wincanton's vehicle selection as Transport Manager, Dave Rowlands explains: "We are dedicated to adding value and delivering excellent service to our customers, and the Renault Range T460 trucks are a valuable addition to our fleet, ensuring our customers receive the most efficient and effective delivery process possible."



Pictured here are a Range T460 6x2 with sleeper cab and Range T430 6x2 with Night and Day cab.



Marcus Graham and his son Charlie (left) from Arklow firm Marcus P. Graham Ironworks Ltd. pictured taking delivery of their new Merlo TF35.7 Turbofarmer.

New Merlo Adds Steel For Wicklow Ironworks Firm

Wicklow firm Marcus P. Graham Ironworks Ltd. of Ballycoogue, near Arklow has added some steel to its fleet of Merlo telehandlers with the recent acquisition of a new TF35.7 Turbofarmer.

Supplied by Merlo distributor McHale Plant Sales of Birdhill and Rathcoole, the high spec TF35.7 features a 3,500kg lift capacity with a boom reach of 7 metres and brings to three, the number of Merlo units acquired by the ironworks company in recent years.

Powered by a 122hp, 4-cylinder Euro Tier 4/Stage 3B compliant engine, the Italian-

made TF35.7 is said by Merlo to deliver an impressive power to weight ratio combined with low fuel consumption. Boasting the largest cabin in its class, high visibility, driver comfort and cruise control as standard are further attributes.

Remarking on the 'smooth hydraulic system across the Merlo range', managing director Marcus Graham said: "We find Merlo's products provide the operator with a unique level of control over the movement of the machine – an important consideration in our line of work when moving heavy steel."

Safety First with Tiltrotator Training and Certification Scheme

Engcon is driving tiltrotator safety standards with the launch of the UK's first national tiltrotator training and certification programme in conjunction with the National Plant Operators Registration Scheme (NPORS).

In a bid to promote industry-wide safe operation, this new tiltrotator training is suitable for all makes of tiltrotator and can be arranged either through Engcon or directly through NPORS.

NPORS is one of the UK's leading Accreditation and Registration Bodies. Its convenience and flexibility was a major factor in Engcon's decision to work with



NPORS which is unique in that training can be brought to the user and conducted on

the user's machine, rather than training on an unfamiliar machine of uncertain serviceability in an inconvenient location.

Tiltrotator Training will be carried out by qualified and experienced instructors and includes an introduction to tiltrotators and practical instruction, followed by both a practical and written test, with a required pass mark of 80%.

Tiltrotator Training covers the core elements of a tiltrotator and its use and has been specifically developed by Engcon in association with NPORS to ensure operators understand how to use the system correctly and safely. The practical training and test is designed to enable the learner to appreciate, and access the benefits of tiltrotators, including off-centre digging and reduced machine movement, forming 'V' type ditches, angled batters and returns and grading.



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Great Turn Out for Vertikal Days Show

As the only specialist event for the UK & Irish Lifting and Access Equipment professional, Vertikal Days proved a great success when it was recently staged at Haydock Park on Merseyside.

Now a leading event in the European calendar, the annual two day crane, access and telehandler exhibition was celebrating its tenth anniversary.

Even the weather played its part, and although it did rain for part of the second day, it didn't dampen the enthusiasm.

The show attracted exhibitors and visitors from rental companies, fleet owners, users and lifting professionals from across the country as it presented the industry's latest products and innovations.

In addition to the exhibits there was a wide range of meetings, seminars and workshops held during the event.





At the recent Vertikal Days cranes and access equipment exhibition on Merseyside, the CPA (Construction Plant-hire Association), in association with CITB (Construction Industry Training Board), hosted the 4th annual 'Stars of the Future' plant mechanic apprenticeship awards presentation, in an all-star ceremony full of young engineers, who took part in the annual competition from colleges nationwide.

The plant hire sector – not to mention the wider construction industry – has a bright future judging by the outstanding quality of the entrants at this year's 'Stars of the Future'!

Presenting the awards and talking about his experiences to an audience of over 250 people was Nic Hamilton, a racing driver in the BTCC (British Touring Car Championship), and the brother of reigning Formula One world champion Lewis Hamilton.

A special feature of the Awards, which were supported by Kranlyft UK (Maeda Mini Cranes), A-Plant, Vertikal Days, IPAF, Hawk and Snap-On, was an inspiring and very entertaining speech from Nic,

who spoke about his life-long battle with Cerebral Palsy and how, up until the age of 16, relied on the use of a wheelchair.

He told the young audience that with motorsports in his blood, he was absolutely determined to pursue a career in motor racing. By crossing many challenging hurdles, using sheer determination, he achieved his lifelong dream!

Nic's message to the young engineers was 'you can do anything if you put your mind to it - don't let anything stand in your way' – which Nic has proved beyond doubt.

Family, friends, college tutors and work colleagues gathered for the ceremony where the regional winners were presented with their award - the young stars beamed with pride at receiving recognition for their hard work. The two overall (national) winners also took to the stage to receive their award to rapturous applause from the audience. 42 students were also Highly Commended – the standard was so good!

Opening the awards ceremony was CPA Chairman Brian Jones he said: "Today is the fourth year that the awards have been

held and year on year the benchmark that was set previously gets higher and higher. Apprentices play an important role in the recovery of our industry by giving employers the essential skills they need."

Brian added, "I am very proud and privileged to be associated with the Stars of the Future programme and to see the pride the apprentices bring not only to their employers, families, and college but most importantly to themselves. Over 250 Students were nominated from colleges from all over the UK each and every one of them is a Star of the Future. Congratulations to them all!"

Master of Ceremonies was CPA Safety and Training Manager Haydn Steele, who is also responsible for organising the Stars of the Future Awards. Haydn said, "This year's calibre of students was exceptionally high and I am very proud to be associated with the awards scheme. Working with the colleges and tutors I am lucky enough to hear about these students first hand. It's also excellent to see these young stars at the start of their careers in the plant industry – they really are the engineers of the future!"



Satpal Sokhi

Terex Construction Appoints New Head of Engineering

Terex Construction has named Satpal Sokhi as the new Head of Engineering for its UK manufacturing facility in Coventry.

Sokhi, who has worked within the Terex Group for more than 13 years, will oversee a number of corporate initiatives to reshape the company's engineering department and implement a new product strategy for the Coventry site. This will include a focus on improving quality while

reducing costs, alongside introducing a number of new innovations across the site dumper and backhoe loader product portfolios.

"I am proud to be part of a team which continues to lead the industry in both R&D and technological innovation. As one of the world's leading equipment solutions providers, Terex is a market leader for many of its products. In the coming months, I look forward to driving further process

change and introducing a new phase of product facelifts for our compact equipment range."

Gregg Horne, general manager at Terex Construction's Coventry facility, added: "We're confident that Satpal will make a hugely positive impact, bringing even greater value to our current procedures with his skilled perspective. Terex continues to invest in R&D, technology and equipment improvements and Satpal will play a key role in this ongoing development."

Economy Minister announces 50 new civil engineering apprenticeships



Simon Hamilton MLA, Economy Minister announces 50 new civil engineering apprenticeships

Economy Minister Simon Hamilton has announced 50 new civil engineering apprenticeships through the Work + programme in association with The Institution of Civil Engineers (ICE).

The apprenticeships, currently offered by 24 employers, will enable apprentices to earn as they learn from the age of 16, gain invaluable industry experience, and provide a direct progression pathway to higher levels of professional and technical work.

As he launched this new apprenticeship scheme the Minister said: "Creating high quality jobs that focus on the skills needed to grow and increase the competitiveness

of our economy is a key priority for me.

"These new apprenticeships support the findings of the Northern Ireland Skills Barometer report, which identified civil engineering as a growing sector which will have high demand, in the top 25 sectors, for leavers with intermediate to higher level qualifications, over the next 10 years.

"The new civil engineering apprenticeship demonstrates an effective partnership approach, putting employers firmly in the driving seat and working closely with the Further Education colleges. This new apprenticeship scheme will allow apprentices to work and gain the qualifications, experience and broader transferable skills they

need for long-term progression in education and employment."

Apprentices will attend college on a day release basis for two years, while working full-time for their employer. All six of Northern Ireland's FE colleges are taking part, and participating companies are offering up to 50 apprenticeship places.

ICE Regional Director Richard Kirk said: "Civil engineering is an exciting and growing sector, and we want to attract a diverse group of people who will build Northern Ireland's future and provide better quality of life for its communities."

"We are encouraging anyone interested in science, technology, engineering and maths (STEM) to apply – you will be able start on a salary of £10,000 from your first day, work towards a professional qualification, and take your first step into a lifelong career."

Queen's new £39m Biological Sciences build to support 550 construction jobs

Queen's University Belfast has unveiled the foundation stone for its new £39 million School of Biological Sciences.

The new School will be a key driver for the development and future growth of the life sciences and agri-food sectors in Northern Ireland, which currently employ some 80,000 people and generate more than £5.5 billion in sales each year.

Building the new School will also support 550 jobs in the construction sector, including staff from the main contractor O'Hare and McGovern, and a range of other firms.

The new School, which is being built at Chlorine Gardens in Belfast, will offer state-of-the-art teaching and research facilities for its 750 students and 170 staff, who will tackle some of the world's most pressing issues.

Due to open in 2018, the building will provide the facilities to help grow our life sciences sector, especially in areas such as agriculture/food science, food safety, disease/infection biology, diagnostics, waste management, ecosystems and the environment.

The Life and Health Sciences and Agri-Food sectors are key to driving future economic prosperity in Northern Ireland. The Life Science graduates who will be trained within the new building will underpin these areas and help facilitate future growth.

Professor Chris Elliott, Queen's Pro-Vice-Chancellor, Faculty of Medicine, Health and Life Sciences said: "The building will be home to globally recognised experts in areas right across the biological sciences with research focus on key global challenges. It will house Queen's Institute for Global Food Security, one of the University's four Global Research Institutes, which is leading the world in addressing one of the greatest challenges – how to ensure the safety of our food.

"Staff within the School of Biological Sciences will also focus on issues including innovative approaches to waste and ecosystem management, the improved control of infectious diseases and antimicrobial resistance, and addressing the challenges posed by climate change."

The new 11,000m² School is the latest building in Queen's £700m 20-year capital investment programme to support world-class research and education and provide an exceptional experience for its students.

In keeping with the University's commitment to sustainability, the building has been designed to minimise its impact on the environment, and to achieve the target of Building Research Establishment Environmental Method (BREEAM) Excellent.

Set over five floors, the building is designed around a central glazed atrium and will incorporate carbon reduction technologies

including a combined heat and power engine, ventilation heat recovery units and a Ground Source Heat Pump system.

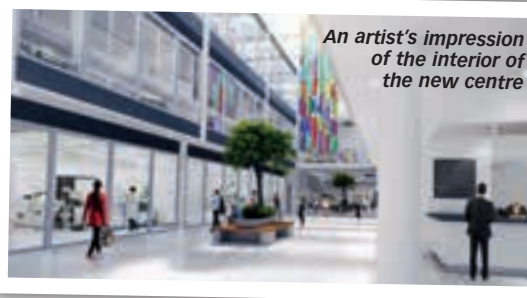
Damien Toner, Queen's Director of Estates, said: "Construction of the new facility is due for completion in August 2018 and our focus is fully on ensuring delivery of another world class research facility for our academic colleagues and students.

"Our delivery partners will help ensure we achieve this aim and we are delighted to be working with renowned architects Scott Tallon Walker and construction partners O'Hare & McGovern who recently delivered the award-winning and world-class Wellcome-Wolfson Institute for Experimental Medicine for Queen's University."

This will be the 14th project O'Hare & McGovern, the Newry-based construction company, has delivered for Queen's. The first scheme was completed in August 1989.

O'Hare & McGovern Managing Director Eamon O'Hare said the new building would be a world class facility which strengthened the firm's long term relationship with the university as they continued to enhance Belfast's educational landscape.

He added: "Our vision for the delivery of this project is to create a catalyst for social, economic and environmental change, providing sustainable employment for local businesses, students, apprentices and long term unemployed."



An artist's impression of the interior of the new centre

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Hitachi ZX26U-5 & ZX33U-5 re Allister & Denver
Glass, Ballycastle - TBF Thompson Group



New Wirtgen W100 CFI sold to CMP, Cork - Wirtgen Ireland



New Takeuchi TB216 being delivered to Mr Philip
Shields in Banbridge by Alan Milne Tractors Newry



1 of 2 Yanmar VIO57's working on
pipeline supplied to SB Contracts
From Crumlin Plant Sales



336FL Hybrid for Brookmore Civil Engineering Ltd - Finning



DX 140w-3 sold to E Quinn contracts - Northern Excavators



John Warnock from Newtownards receiving his new Weidemann
3080T from Salesman John O' Boyle, Wilsons of Rathkenny



David, from D Armstrong Electrical receives their new
Giant Tendo 4548 from Ballyward Plant Services



Gary Clarke receiving KC Hire's new Giant SK251D
skid steer from Ballyward Plant Services



SK140SRLC-3 on its' way to Esk Plant, Clonmel,
Co. Tipperary from McSharry Bros

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Dx 225-3 sold to KDM Hire - Northern Excavators



Roto in action. Property of Elagh Tree Surgery, who purchased their new Merlo Roto 40.26MCSS - DA Forgie



Mr Davod Newell of Kelkeel Co. Down receiving a new Fendt724 Vario tractor at Alan Milne Tractors Newry



New 320EL RR for McCormick Contracts - Finning



Another Stelco for Joe Finnegan Const Newry from Darryl rogan ds hammers ltd, brings to 4 now in joes fleet



JA Andrews with New 27Z-9 - Northern Group



Hitachi ZX130LCN-5 re Civco Ltd, Maghera - TBF Thompson Group



DL 550-5 sold to Creagh concrete - Northern Excavators



New Stelco sel 950s sold to D Jackson plant saintfield by Darryl rogan ds hammers ltd



A Giant V452T HD for Ashvale Landscapes, from Ballyward Plant Services



New Stelco sel 600s working in Newry sold by Darryl rogan Ds hammers ltd



Takeuchi TB235 ready to be delivered to Tool Centre Plant Hire in Newcastle Co. Down by Alan Milne Tractor Newry



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New Hamm HD 80 1 vv and Vogele S1603-3 paver sold to Blacktop Tarmacadam, Duleek, Co Meath - Wirtgen Ireland



New Yanmar V1033 leaving Crumlin Plant Sales for PPO Hire Newry



Another 312EL for J Millar Contracts, Portglenone - Finning



New Stelco sel 600s headin to James Mcgrath for a under water contract on rathlin island sold by ds hammers ltd



New PC138US-10 ready for delivery to Desmond Magee - Wac McCandless Plant Sales



New idromeccanica compactors supplied to Clifford & Greg construction by Dean Jackson of Ni hoses



New Hamm H 13ix Sold to KDM Hire Cookstown, Co Tyrone - Wirtgen Ireland



SK260LC going to Kilsaran International, Co. Meath from McSharry Bros



Laurence Conwell and Mervyn Key with a new D6T LGP for TJ Loughlin - Finning



Hitachi ZX33U-5 re Hamilton Contracts, Cookstown - TBF Thompson Group



Takeuchi TB235 being delivered to McKernan Construction in Cookstown Co. Tyrone by Alan Milne Tractors Newry

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A new Schaffer 6680T ready to be delivered to Mr Robert Phillips in Armagh by Alan Milne Tractors Newry



New Manitou MLT 634-120 LSU P.S. Sold to Colin and Richard Watt, Mountainview Farm, Augher - Northern Group



Mr W Megaw of Scarva Co Down with Matt Hogg of Alan Milne Tractors receiving a new Fendt 828



1 OF 4 New Yanmar V1025'S proudly showing Dromad Hire colours From Crumlin Plant Sales



A Hanix H55DR for Martin Contractors from Ballyward Plant Services



SK140SRLC-3 delivered to D&R Plant by McSharry Bros



New Ausa D150AHG 1.5ton swivel skip dumper sold to Bann Hire from Crumlin Plant Sales



New Yanmar V1050 supplied to WT Hire Strabane By Crumlin Plant Sales



Hitachi ZX225USLC-5 re Brendan Loughran & Sons Ltd, Carrickmore - TBF Thompson Group



JFM Constructions NEW MT1335 - Northern Group



McAllister Builders with New MT1840 - Northern Group



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New Voegelé S 1800-3i paver sold to
Roadstone, Dublin - Wirtgen Ireland



New 308E2 on site in Carryduff for
Fraser Homes Ltd - Finning



Trevor McAlister and operator Mark
McKelvie with McAlister Builders super
new Hyundai HX140L - Northern Group



New 312EL for NW Plant Hire - Finning



ZX26U-5 re B S Contracts & Plant Hire,
Portadown - TBF Thompson Group



Sam McCollum, Bushmills receiving his new Weidemann T4512 from
Salesman John O'Boyle. This is Sam's second T4512; he purchased his first
one 6 years ago clocking up 3,000hrs. Impressive!! Wilsons of Rathkenny



Hitachi ZX135US-5 re O'Neill of Clonoe,
Coalisland - TBF Thompson Group



Allan & Sharon Gibson of Gibson Paving,
Portlennone taking delivery of their new
Manitou M130D forklift - Northern Group



Avant 635 sold to KDM Hire by Essener Equipment



New Ammann ARX12 Roller on its way to The Tool
Centre Newcastle From Crumlin Plant Sales



Johnny Barry and Liam Whelan in front of
Liam's SK210LC-10 from McSharry Bros



Dx 140LCR - 3 sold to Denver Todd - Northern Excavators

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Thomas Kenny onsite with new PC80MR-3 recently delivered to Kenny Homes - Wac McCandless Plant Sales



MFL Garden and Machinery collecting their Genie GS2632 Scissor Lift - Sleator Plant Sales



Terex 3tn Dumper sold to Co Armagh based contractor - Sleator Plant Sales



New PC80MR-3 ready for delivery to FAL Contracts - Wac McCandless Plant Sales



New Atlas Copco CC900 Roller sold to PPD Hire Centre by WAC McCandless - Wac McCandless Plant Sales



James Porter, & Bill Porter with new PC210LC-10 for Porter & Co - Wac McCandless Plant Sales

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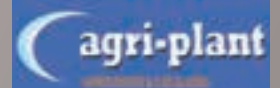
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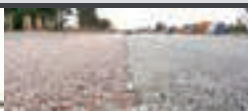


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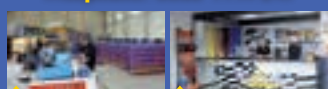


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