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QUARRY & RECYCLING  
MAGAZINE

# engineer

JAN-FEB 2020

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# comment

We have welcomed the New Year in with what is our biggest ever issue of Plant & Civil Engineer magazine, surely indicative of how positive our industry is looking forward to the months ahead despite some underlying challenges.

With the power-sharing Stormont Executive up and running after a prolonged absence, the new Minister for Infrastructure Nichola Mallon has wasted no time in outlining her plans to get things moving in the right direction.

The MPANI has wasted no time either in putting forward their priorities, among them, securing adequate funding for the maintenance of roads, water and sewerage infrastructure, and seeking progress on outstanding infrastructure projects like the A5, York Street Junction and completion of the Strategic Roads Network.

An increase in construction work inevitably means there will be more talented people needed in an industry which is already facing a severe skills shortage, so perhaps the CITB NI's forthcoming inaugural Women in Construction Summit to be held in Belfast is a timely development. As Barry Neilson, Chief Executive CITB NI, says there has never been a better time to encourage more diversity in the construction industry. Increasing the talent pool, he says, and making it easier for women and others to not just join the industry but to remain in the industry, is common sense for any employer.

So, what have we got in this issue? Well, first of all, we have a comprehensive 50-page special supplement on our Annual Plant & Civil Engineer awards. With almost 600 guests, it was a truly memorable night at the Crowne Plaza Hotel in Belfast, and we have reports and pictures of all the winning companies and individuals, so enjoy.

In our popular 'View from the Cab' series, we have been out and about getting operators' reaction on no less than five new machines, including a SANY SY135C, a Hyundai 90-tonne HX900L, a Kobelco SK230SRLC, the latest Hidromek 390LCHD and a Case CX145DSR.

We also report on the latest news from the world of waste management and recycling, in addition to our regular features on the Hire Sector, Finance, Auctions and Plant Sales.

Well, that's it for now, but do remember, you can also keep up to date with what is happening across our industry by logging on to our website at [www.plantandcivilengineer.com](http://www.plantandcivilengineer.com).

**Justin Carrigan** General Manager Email: [Justin@4squaremedia.net](mailto:Justin@4squaremedia.net)



# Evoquip Host Experience Day In Northern Ireland

**EvoQuip recently hosted an exclusive 'Experience Days' event in Northern Ireland to showcase live working demonstrations from its versatile range of compact crushing and screening equipment.**

The successful event, which took place at AG Wilson Ltd, was attended by over 200 guests, from over 50 companies across more than 16 different countries—showing the incredible interest in the equipment, which is suited to many industries including building and construction, quarries, farming and agriculture, landscaping, and plant hire. With a focus on 'simplicity' and 'efficiency' the six live machine demonstrations onsite used different feed materials to allow attendees to see the versatility of the range as well as the quick set up times, ease of transportation and simple operation.

The working demonstrations included the Cobra 290 Impact Crusher feeding into TC75R 75ft Radial Conveyor, Colt 600 Scalping Screen, Cobra 230 Impact Crusher and Colt 1000 Scalping Screen, Bison 120 Jaw Crusher as well as a static display of the Bison 280 Jaw Crusher and Harrier 220 screen.

The guests were also surprised by the news of the Colt 1600, which has been in secret development for some time with the first machines scheduled for production in the



coming months. The experience didn't stop onsite, with guests being treated to local hospitality that evening with traditional Irish meal and entertainment at the nearby Old Crumlin Road Jail in Belfast.

Commenting on the event, EvoQuip Business Line Director Matt Dickson said, "EvoQuip was delighted to work with AG Wilson Ltd to host so many customers and dealers to our demonstration event to showcase the capability of our equipment and discuss the latest compact crushing and screening innovations from EvoQuip.

"These machines are a great solution for those doing limited crushing and screening on a particular site as ease of transport and fast set up times, provide a solution to turn waste into profit and reduce costs of purchasing raw materials, before being moved to next site to generate more revenue. In addition, it was terrific to be able to announce in person our plans for the brand new EvoQuip model - the Colt 1600 - which will be available in early 2020. We were delighted by how well the news of this latest product was received at the event."

## OMNI System

All EvoQuip models can be fitted with OMNI by Terex, ground-breaking technology that will revolutionise the crushing and screening jobsite.

OMNI is a tablet based system that is fitted within the cab of a material feed excavator and provides centralised remote access to multiple machine control systems within a crushing and screening train. It has been diligently and intuitively designed to give unrivalled, easy-to-use control to the operator with information and views of the entire machine train. The innovative technology has won multiple awards globally for safety and site management innovation.

A number of EvoQuip products can also be fitted with T-Link telemetry system which provides the customer with real time information on the performance of their machine. Telematics maximises uptime, parts and service availability and provides factual up-to-date information from the field.

# Kubota Unveils Electric Prototype

**Kubota has unveiled an electric prototype for the construction sector. The mini excavator model will be powered by lithium-ion batteries.**

The electric mini excavator prototype will operate using the equivalent output of existing diesel engines. It is also been developed specifically to operate uninterrupted for longer on a single charge, to maximise efficiency and increase output. The engine of the new prototype will meet emission limits and has extremely low noise output. This will make the new machine suitable for construction work in urban environments.

Glen Hampson, Business Development Manager, Kubota UK, said: "At Kubota, we pride ourselves on our ability to develop machines that meet the needs of our customers. Kubota is focused on overcoming the challenges that come with the use of electric machines, such as the issue around the amount of charging infrastructure available and limited battery capacity.

In 2020 and beyond, we will work to ensure we have created a machine which is both more sustainable and built for the future."

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# **LIEBHERR**

# Terex MPS Plant Aids Limestone Production in Middle East

Dubai-based mining, crushing and logistics operator Minerals Technocom Contractor FZE has recently installed and commissioned a Terex MPS 1200TPH plant in Ras Al Khaimah to support the production of steel-grade limestone for JSW Cement FZE.

The produced limestone will be used as a by-product in its UAE plant and also as a raw material for their steel plant in India.

Minerals Technocom turned to Terex after being impressed by the professional approach and expertise provided by the Terex MPS team to deliver a solution that would produce 6 million tons per annum.

Following a consideration of options, they decided on a Terex 1200TPH plant consisting of a Primary Jaw Crusher—the Cedarapids JC5460 (the biggest jaw crusher offered by Terex), a Secondary Cone Crusher—Cedarapids MVP 550 X, a Tertiary Vertical Shaft Impactor—Canica 2000, with multiple screens in the process including the MTS 6204, Cedarapids TSV8203, a dual mechanism screen from the USA and torrent offerings from Malaysia. In all,



the impressive set up spans approximately 4,20,000 sq.mts and produces 20,000 Metric ton per day ranging from 0-5mm, 5-10mm, 10-20mm, 20-40mm, 40-80mm.

The Head of Operations, JSW Cement adds, "Having a solution that satisfies our strict requirements in terms of consumption and productivity was of utmost importance

to us and we are delighted that the Terex 1200TPH is producing the output as committed. In addition, Terex was a terrific support to us throughout our site planning, preliminary engineering layout, support to our Engineering Procurement and Construction (EPC) contractor on layouts and planning for our site operations."

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in profile

# MILLER GTS COUPLERS MAKE A BIG IMPRESSION AT CLANCY PLANT

Clancy Plant, established in 1962 and part of the Clancy Group of Companies, has evolved to become one of the most diverse and capable providers of assets to the utilities, rail, civil engineering and house building construction contractors in the UK, with a growing portfolio of business around the country.

It puts customer service, innovation and safety at the top of its list of priorities, and prides itself in leading the way in all of those areas, which is why it chooses to invest in only the best people, plant and equipment.

The company recently acquired 12 new U27 Kubota excavators for its already extensive hire fleet – and it had no hesitation in fitting them all out with the next generation of hydraulic quick couplers from Miller UK.



Clancy's Head of Plant, Lee Peddle.

The Miller GTS range has been hailed as the lowest, lightest and safest compact quick coupler on the marketplace, offering a wide range of pick-ups for any attachment within the same class - all from the comfort and security of the cab.

When the range was first launched at Plantworx in 2019, response to the product was described by the company as 'astounding' with 'exceptionally high enquiries' which were quickly turned into firm sales.

Clancy Plant was among those companies immediately attracted to the Miller GTS hydraulic quick coupler – suitable for excavators from one tonne to 6 tonne - and since then they have fitted close on 80 machines with the coupler.

We recently caught up with Clancy's Head of Plant Lee Peddle, who explained why. "I have worked very closely with Miller UK in the past few years - their Business Development Manager Nick Kealy in particular – to try to bring some uniformity to our fleet with the Miller product.

"We are all about innovation and safety and I already was a big fan of the Miller Mate safety system which can be retro-fitted; it ensures the operator can easily couple and de-couple attachments and vitally it also prevents accidental release. The Miller Mate is a perfect complement for the GTS coupler, and working together, onsite operations can be carried out much more safely and efficiently."

That is significant, because site safety is an ever-present issue that is a constant threat in any environment and in any walk of life – and the greatest way to prevent accidents is not only to train people how to reduce the risk to zero, but put controls in place that will limit the possibility of an accident.

The construction sector is one of the most dangerous. Only 5% of employees

## Key GTS Features

- Fully hydraulic quick coupler compact range suitable for excavators from one tonne to six tonne.
- Innovative control system guarantees the attachment is only released in a safe position.
- Unique proprietary operating/locking system ISO13031 and EN474 complaint.
- Maintenance free - innovative design encompassing fewer internal components.
- Facilitates quick attachment changes - maximising machine productivity with less down time.
- Eliminate extra equipment on customer's jobsite as variable pin centre design allows them to easily pick up and swap widest range of OEM attachments from safety of the cab.
- Existing attachments can still be used without the need for conversions.

in the UK work in the construction sector but it accounts for 27% of fatal workplace injuries and 9% of reported major injuries (HSE figures). Based upon reported accidents it is generally accepted that 80% of accidents are due to human error.

So, have Clancy Plant clients been won over by the Miller GTS units? "Definitely," says Lee, "especially those working on major specialist contracts like HS2 and UK power networks where health and safety is paramount. As a supplier we need to be in a position to offer the end-user the very best that is available – and we can do that with the Miller product.

"As a business we need to be seen to be proactive about health and safety, which is why we repeatedly opt for the Miller brand over and above other hitches. OK, additional features on our excavators, such as the Miller quick coupler, may add to the cost of the hire, but we know we have the safest machines possible and you can't put a price on that."

## GroundTouch

Miller's philosophy, of course, has always been to try to ensure its customers have the safest most advanced attachment products in the market - that's why it is continuously developing coupler technology to increase safety in hazardous working



**THE MILLER GTS RANGE HAS BEEN HAILED AS THE LOWEST, LIGHTEST AND SAFEST COMPACT QUICK COUPLER ON THE MARKETPLACE, OFFERING A WIDE RANGE OF PICK-UPS FOR ANY ATTACHMENT WITHIN THE SAME CLASS**



environments – and that’s why safety is built into every element of a Miller quick coupler.

The innovative GT Series, for example, features GroundTouch technology, an intelligent coupler connect system that will only allow the attachment change process to commence when the attachment is safely placed on the ground. With visual and sensory alert-based safety notifications, intentional and accidental operator coupler misuse is easily prevented, while a revolutionary controlled release system promotes safe working behaviour whilst reducing operator complacency.

Other features include simple integration seamlessly into the machine’s hydraulics and electronic system, and a dedicated simplified operating switch for easy use.

**Customer Support**

Aftersales service and support are always vital elements in any supplier/end-user relationship, and comments Nick Kealy: “We strive to look after Clancy Plant to the best of our abilities; we enjoy working with the company and look forward to maintaining that close relationship with them into the foreseeable future.”

Those sentiments were readily echoed by Clancy Plant’s Lee Peddle. “We deal directly with Miller UK and our working partnership couldn’t be better,” says Lee. “Nick Kealy and I keep in touch, meeting up every now and

again to discuss what our needs are and how Miller UK can meet those needs.

“As a case in point, we have just purchased two of the latest new 22 tonne JCB machines and we want to fit them with Miller hitches, so all parties are working together to ensure that happens in the most effective

and efficient way, which is good – and that’s another reason we hope to continue building on our relationship with the Miller UK team.”



# Industry Set to 'Go-Green' as New Decade Advances

**The New Year 2020 heralds the commencement of a decade in which construction plant and equipment manufacturers are expected to 'go-green' in responding to the demands of global warming activists.**

Driven in part by public pressure and the rush by Governments around the world to demonstrate their good faith by laying down force-of-law regulations to shift market demand away from conventionally-powered equipment to new energy forms of which battery power is currently the most preferred option, focus will fall on manufacturers to follow the lead already evident within the automotive sector.

Here in Ireland, a fledgling drift in that direction has been evident for a number of years with the introduction of hybrid technology. Now an integral and accepted presence within large fleets and on major worksites, hybrids work by combining the required power

that carbon fuel-driven engines generate with the fuel saving, low-noise and reduced emissions that battery power can deliver. Over time, it is expected that enhancements in technology will lead to an even more widespread movement towards hybrids.

But, given the motive power that excavators and other heavy-duty machines require simply to carry out their tasks, can the industry expect a major switch towards electric and fast charging battery-powered technology? Arguably, that is the key question that the 2020s decade must answer and, if current trends are an indicator, the jury is still deliberating.

Overall, a question arises in relation to global resources of the cobalt and lithium required to produce the batteries that will power our vehicles of the future. Mined in many cases by human hands in countries that are less than politically stable, and where labour is cheap and free of the health and safety provisions that we take for normal – demand

for battery power is rising on a scale and at a pace beyond the world's capacity to produce it.

Already, word seeping out from the motor sector talks of global 'market manipulation' by major automotive manufacturers whereby electric powered vehicles with scarce availability are being 'steered away' from countries like Ireland – where climate change laws generally operate on the principle of consent – to be allocated instead to those major markets in which emissions targets are backed by the real threat of jail time for those CEOs whose companies fail to deliver on targets set by their governments.

Fallout from this situation – which is not spoken of in glossy TV advertisements – will see shortages arising in the availability of electric-powered vehicles as their cost-of-purchase soars and other spin-off impacts come into focus in regard to purchase financing, downstream trade-in and resale value.

Other considerations waiting in the wings – considerations that our own Government conveniently sets aside – relate to the cost of electricity required to recharge an expanding car park of electric vehicles and the generating pressure this will place on ESB over time. Add to that the cost and pace of installing charging points adequate to meet future demand from EV owners. Waiting in the wings also is are questions surrounding the life expectancy of batteries and the challenge, not to mind cost, that their disposal in an environmentally proper fashion poses.

Factor into this equation these other probabilities: that alternative power sources not currently available will be developed and will overtake batteries in a way that will render current thinking (and existing battery-powered equipment) obsolete, along with the infrastructure that will be put in place to accommodate them.

## Cautious Approach

Where does this leave the construction plant and equipment sector if the words of Sir David Attenborough, Greta Thunberg and other climate activists are to be heard?

If there is a term that best describes the challenge it is that the construction plant

sector will be advised to 'proceed with caution' mindful that technology is a fast developing process. Already, hydrogen powered vehicles are being road tested. Will they become the norm? Futuristic developments in fusion taking place at Cern in Switzerland could also point a way towards alternative energy supply.

Notwithstanding these changes, observers might note the investment being made by giant multi-national oil companies in building new state-of-the-art service stations. Faced with the announcement that government plans to ban the sale of petrol and diesel by 2030, might they know something the rest of us have yet to learn?

## Moving Ahead

Despite the ebb and flow of argument, manufacturers and distributors in the construction, civil works and waste management sectors are moving apace to include electric-powered options in their 2020 and beyond model programmes. One of these is Komatsu, distributed in Northern Ireland by Belfast-based WAC McCandless and in the ROI by McHale Plant Sales of Rathcoole and Birdhill.

Already 'on record' in the matter, McHale Plant Sales expects to launch a number of new electric powered machines in the year ahead, including a new Komatsu mini digger, a Merlo telehandler and others within the Metso and Terex Ecotec ranges.

"As every golfer knows, manufacturers can only play the ball the way it lies! That means, our sector must be prepared and be a committed and active player in supporting the global movement towards combating climate change," their director, Michael McHale says.

"As anyone who has ever driven an EV car or commercial vehicle can testify, their straight line performance would outpace any petrol or diesel powered alternative. Mated to an appropriate size and type of unit, I am confident that the same exceptional performance can be expected from an electric-power digger or materials handler," he adds.

Not one known to be a less-than-on-the-ball judge of market trends, McHale forecasts a 'continuing growth in demand for hybrid equipment and a gradual take-up of wholly electric powered machines, especially by those for whom their low-noise, low-cost, low-emissions characteristics will have a hugely positive appeal'.

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# DUBLIN PLANT HIRE COMPANY RECEIVES €500K KUBOTA ORDER

BY CHRIS MCCULLOUGH

**WITH business booming a Dublin plant hire company has just received a new batch of Kubota excavators in a deal worth around €500k.**

Adding the 19 excavators to keep up with strong demand is GK Hire which has two depots based in the capital city, one at Tallaght in the Cookstown Industrial Estate and the other on the East Road in Dublin 3.

Set up by James and Jerome Cunnane back in 1995, GK Hire supplies a comprehensive range of plant from small tools to eight tonne excavators and everything else in between.

With this latest order, which already has been delivered by Kubota dealer FJS Plant based in County Kildare, the digger fleet at GK Hire has been boosted to just under 100 machines, all of them orange.

Kubota equipment is widely regarded as being very reliable and easy to operate making them particularly perfect for the hire industry.

Conor Stafford, manager at the Tallaght depot of GK Hire, said strong demand for diggers prompted the new Kubota order.

"The construction industry in Dublin is picking up well again and there are at least eight big sites in operation around the docklands currently in operation," he said.

"Our hire business at both depots is really booming. Our customers are varied and include the large sites, private contractors and DIY enthusiasts. We cater for everyone.

"With such strong demand for excavator hire we quickly realised that our fleet of diggers needed extending and that's why we turned to FJS Plant.

"Over the years we have found the Kubota brand to be very reliable, which is very important to us and our customers. We prefer to use Kubota as the performance and after sales service are also very good with the brand.

"Operators always say how easy the Kubota diggers are to operate and that the fuel economy is respectable," he added. "And these are very important factors both for us and our customers."

GK Hire stock a wide range of diggers from one tonne machines to eight tonners, as that is exactly what the market is demanding. With these sizes it is easy to transport the diggers by both the company and



**GK Hire's Depot Manager Conor Stafford with Ken Walsh from FJS Plant.**

customer on vans and trailers which are easier to negotiate in heavy Dublin traffic.

The new order from GK Hire is one of the largest ever placed at FJS Plant and consists of 19 new excavators without any trade ins. The models purchased are five Kubota K008-3 diggers; two Kubota U17-3 diggers; ten Kubota U27-4 diggers and two Kubota U55-4 diggers with a combined value of around €500,000.

"Most of the new diggers came equipped with hydraulic auto hitches," said Conor. "This makes life a lot easier for the operator and increases all round safety on sites.

"Our diggers are working on a number of large sites across the city as well as small ones. Obviously it's our smaller units that are prepared on the smaller sites where space is limited. In situations like this the Kubota digger is perfect for the job as the smaller diggers may be compact but they still boast good power," he said.

Conor started working for GK Hire in May last year but knows the industry very well after spending years in plant hire companies.

"All the new diggers we purchased are powered by diesel engines," he said. "Electric diggers are available at other companies but we have not experienced any real demand for them as yet. They are

a huge investment for a company but they may be something that more customers will demand sometime in the future.

"Overall demand for all types of plant, including small tools, has increased during the last year. We are seeing more of our equipment going on long term hire so that is another reason we needed to purchase more excavators and increase the fleet," he said.

Naturally Ken Walsh, who is the sales representative from FJS Plant that handled the deal, is very happy with the order.

Ken said: "This certainly was one of the biggest orders we have received. GK Hire is a loyal and valued customer of ours and we were happy to deliver the 19 excavators all at the same time.

"Kubota customers keep coming back to the brand due to its quality, reliability, service care and backup. We certainly wish GK Hire well with all the new machines," he added.

As well as the excavators GK Hire supply a full range of dump trucks, rollers, generators and scissor



**GK HIRE SUPPLIES A COMPREHENSIVE RANGE OF PLANT FROM SMALL TOOLS TO EIGHT TONNE EXCAVATORS AND EVERYTHING ELSE IN BETWEEN**



lifts. In fact, there are 20 new scissor lifts being delivered later this month. Conor added: "We have literally thousands of pieces of equipment out on hire at any one time. Scissor lifts are also very popular with customers and we have a good range of various sizes for hire. "We have 20 new electric scissor lifts with telematics being delivered later in February to further complement our range." GK Hire employs 40 staff across both its depots including fitters, service personnel and delivery staff.

"We also take on a number of apprentices each year," said Conor. "At the moment we have five apprentices from the local area working with us and we hope to take on more later this year. "There are also two on the road fitters but really they aren't out that much thanks to the reliability of the Kubota machines as there are not so many break downs. Most of their work involves in-house servicing and preparing machines for the next customer. "When it comes to replacing machinery we normally try to upgrade a machine

depending on the number of hours it has worked. For diggers this would mean they are replaced on average every three to four years while generators would be traded up after 30,000 to 40,000 hours of operation. "We like to keep the equipment as fresh as possible here at GK Hire which builds us and our customers good reputations on sites and in the wider industry," said Conor.





Pictured (L-R) is Director Chris Liddle, Architectural Technologist, Richard Williams, Bid Coordinator Jessica O'Neill and Director of Workplace Simon Cheney.



Pictured (L-R) is Studio Director Nicola McKay, Director Nick Beecroft, Associate Steve Lennon and Director Simon Bell.

# HLM Architects' continued growth extends in the Dublin market

As the construction industry in Ireland continues to boom with output expected to exceed €22.5 billion in 2019, there are a number of exciting new trends emerging within architecture.

There have been major developments in the world of VR and Building Information Modelling (BIM), as well as innovation districts, as architects use cutting edge technology to bring their visions to life for their clients.

These new trends formed part of the discussion as HLM Architects held a recent reception in their new Dublin base. The event was used as an opportunity for HLM Architects to expand on their concept of 'Thoughtful Design' which delivers great places for people.

HLM Architects sees every design evolve as a solution to a unique set of challenges. HLM's studio in Belfast has undertaken several projects across Ireland for over 20 years. Their new Dublin base, located at Fitzwilliam Place, will facilitate HLM Architects' continued growth and success. The workspace underlines the company's commitment to an already strong network in Dublin as well as providing a base to explore wider opportunities across Ireland.

The 180 strong team has completed projects across a range of sectors including education, healthcare, residential, hospitality and leisure, defence, workplace and culture.

HLM Director Nick Beecroft, said: "Our reception provided an excellent platform for us to speak about our thoughtful design approach and why we don't have a signature style, instead preferring to allow the character and ideas of each project to flourish in their own way. The new HLM base ensures we are better suited than ever to create memorable places across Ireland, always understanding the needs of the people who use them."

"We already have a strong network in Dublin and are really excited to explore the opportunities across all our sectors. The reception was an opportunity to catch up with clients in a relaxed atmosphere as we enjoyed some refreshments and good conversation."

The firm has won multiple national and international awards for its expertise across many disciplines, such as Architecture, Interior Architecture, Landscape Architecture, Environmental and Masterplanning.

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**MAGNI**  
TELESCOPIC HANDLERS

view from the cab

# LATEST MAGNI TELEHANDLER HELP BOLES HIRE REACH NEW HEIGHTS

**Based in Navan in Co Meath, Boles Hire has recently added a Magni 6.39 SH rotating telescopic handler – currently, the biggest of its kind in Ireland – to its already impressive fleet.**

Regarded as one of the country's largest telehandler hire companies, Boles made the investment in the new Magni, supplied by dealers Pat O'Donnell & Co, primarily at the request of a customer and it is presently earning its keep on a large, luxury apartment block development at Adamstown just outside Dublin.

One of the many attractions of the new Magni – out on long term hire - was its impressive 39m reach and six tonne lifting capacity, making it ideal for work on high rise developments; its current operator is highly impressed.

"We already had a couple of machines with a 35m reach and they have always been out on hire, so when a very good customer approached us we had no hesitation in acquiring the Magni 6.39; whatever our customers want we are happy to supply," says Colin Boles, who set up his hire business back in 2003.

Today, the company has built up an outstanding record for the service it provides, supplying the very latest machines to construction and civil engineering contractors across Ireland; indeed, with over 300 telehandlers, as well as diggers, dumpers, excavators and tractors, in addition to a vast range of accessories and attachments,

it has grown to become one of the largest plant hire companies in the country.

"Adding the Magni 6.39 to our fleet has opened up new opportunities for our business as the construction sector in Ireland is increasingly busy, and with more high-rise buildings going up, the demand for bigger reach machines will undoubtedly grow," adds Colin.

"The Magni brand is well respected in the industry and is well suited to our hire business and can easily be transported on a low loader; we certainly see great potential for it in the months ahead."



**THE MAGNI BRAND IS WELL RESPECTED IN THE INDUSTRY AND IS WELL SUITED TO OUR HIRE BUSINESS AND CAN EASILY BE TRANSPORTED ON A LOW LOADER; WE CERTAINLY SEE GREAT POTENTIAL FOR IT IN THE MONTHS AHEAD**



### Impressive Features

So, let's take a closer look at the Magni 6.39, which is powered by a Mercedes 170kW-231hp engine. There's no doubt its 39 m lifting height makes it extraordinarily effective on construction or industrial sites requiring high reach and lifting capacities.

The chassis levelling and scissor stabilisers with large support feet offer excellent stability

under all circumstances, guaranteeing perfect ground holding on all terrain in order to ensure maximum operator safety.

The scissor stabilisers are ideal even with limited space available; even when it is only partially stabilised, the machine is programmed to provide the best possible load chart on each side.

When the stabilisers are fully extended, on the other hand, they guarantee maximum machine performance over 360° as they are able to work over a very wide stabilisation base.

The cab offers the operator an excellent working environment, with great all-round visibility, aided by a camera monitor/display screen. It also features a digital touchscreen display, and all controls are well positioned, close to hand and easy to master, while an adjustable steering wheel and standard air conditioning add to operator comfort.

The Magni 6.39 is compatible with a huge range of accessories,

thanks also to the RFID system which provides automatic recognition of the attachment and creation of the relative load charts; there's no doubt, this telescopic handler is able to meet a wide range of applications in construction and industry.

As someone once said, these machines are so efficient and can often eliminate the need for other equipment on worksites - machines such as tower cranes, forklifts and EWPs could all be replaced by a Magni telescopic handler!

### Magni 6.39 Spec

- Maximum lifting height: 38,9 m
- Maximum reach: 27 m
- Electronically controlled hydrostatic transmission
- Automatic levelling device
- Scissors stabilisers



# ROCKHIT MAN DESIGNS A SMASHING BREAKER

BY PETER HADDOCK

**There is a new breaker on the market that is making a very big impact, as I found out when I spoke to Ian Webster, founder of Webster Technologies, who I met on the Balfour Beatty stand at the recent Highways UK show.**

Ian is one of those game-changing innovators that has tirelessly worked to disrupt a market that has not really changed in decades. He first started the project to create the new ROCKHIT breaker over 20 years ago.

With a background in mining, Ian saw a real opportunity to create a

product that was more powerful, quieter and up to 3.5 times faster than conventional hammers.

Having patented the technology and worked with suppliers to develop the new components needed to bring the ROCKHIT to life, following independent testing from engineering consultancy NPrime, ROCKHIT is now ready to break into the market.

To find out what makes ROCKHIT such a game-changer, I asked Ian to explain what it's capable of. He commented: "ROCKHIT has over 3.5 times the blow energy of a conventional breaker and therefore doesn't need to hit an object as frequently. It uses up

to half the fuel of a conventional hammer and it has a shock absorption system built into it.

"So, this means the shock loads through the excavator and the driver are reduced dramatically. Putting all of this together, if a site use the ROCKHIT instead of a conventional hammer it would be far quieter more productive and burn less fuel, all whilst having the additional benefit of reduced maintenance costs and much happier operators."

Asked to explain how the ROCKHIT works, Ian added: "The method by which ROCKHIT generates its much greater force is related to the way in which a catapult works. Because of this, the noise is much more tolerable. In fact, when operators have tested it, the one thing they commented on was that it's so quiet they can now even listen to the radio whilst operating.

"For equipment owners, the ROCKHIT is also set to substantially reduce maintenance costs, as the vibrations sent through the machine when using traditional breakers lead

to greater incidents of wear and hydraulic hose damage. Equally, because the hammer operates with a greaseless system there is no need to monitor grease levels.

"Similarly, because the breaker doesn't require the use of hydraulic oil for its main operation, like conventional units do, it's far more sustainable and therefore reduces the need for oil changes every 500 hours.

"Because we can generate so much energy, we can also vary the tools on the breaker, so that we can design new tooling for specific applications in the future, which is a very exciting proposition."

The first unit that has been launched and in production is designed to operate with 13 to 18 tonne class excavators with 5 to 12 tonne a 20 to 30 tonne excavator models currently in the design phase. Having been piloted in real-world applications with Flannery Plant Hire, a key supplier to Balfour Beatty, the ROCKHIT is now all set for its big break.

View the **ROCKHIT** in action: [www.webstertechnologies.co.uk](http://www.webstertechnologies.co.uk)

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*Ian Webster, founder of Webster Technologies.*

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in profile

# DESERVED RECOGNITION FOR AWARD WINNING BALFOUR BEATTY CLG

**There's no stopping Balfour Beatty these days, at least not when it comes to winning awards. In the past few months, it has picked up no less than eight prestigious accolades for its services.**

The latest was at the recent Plant & Civil Engineer magazine's Construction, Quarry and Recycling Awards where it was recognised for its work on a major Gas Networks Ireland project as part of a joint venture with CLG Developments. Balfour Beatty CLG, established in 2011 as an incorporated joint venture, supports Ireland's world class infrastructure by providing emergency response, maintenance and construction services to Gas Networks Ireland.

Its current contract covers all aspects of gas activities for the whole of the Irish network – from site works and distribution construction to transmission maintenance; the joint venture's award

winning project involved the construction of a new Above Ground Installation (AGI) in Laughanstown in Co Dublin.

The new AGI - a 40/4 bar gas pressure reduction station - was built on a brown field site and included all civil, mechanical and electrical works. It involved a Hot Tap being carried out on the existing cross country transmission pipeline which meant welding a steel tee onto the existing live main and carrying out an under pressure drill to commission the new pipeline.

This newly installed inlet pipework had to be open cut and laid underneath a 33" Cast Iron Victorian trunk watermain feeding South County Dublin from Poulaphouca reservoir within regulated and stringent wayleave restrictions where three archaeological kilns were found that dated back to the Viking era.

Some 700m of 315mm PE outlet pipe was installed to connect the new AGI to

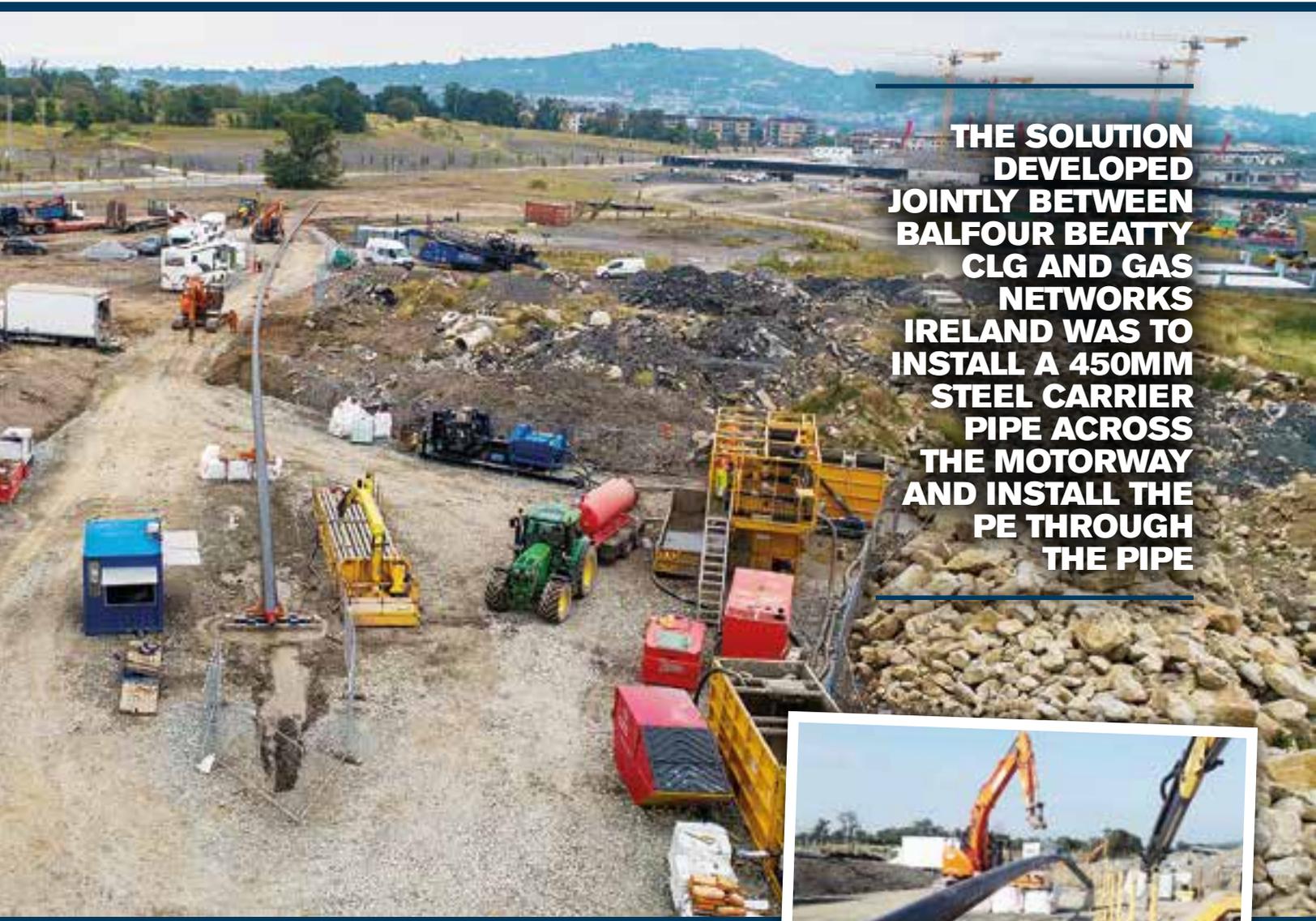


the existing network, providing a critical boost to the existing gas infrastructure in Dublin. This outlet pipework included a HDD underneath the M50 at one of its widest points across the main carriageway and both slip roads and was approx. 250m long through brown granite.

The solution developed jointly between Balfour Beatty CLG and Gas Networks Ireland was to install a 450mm steel carrier pipe across the motorway and install the PE through the pipe; this involved a substantial site set up and site investigation prior to drilling and also the excavation of shafts either side of the motorway in excess of 8m deep in order to "pick up" the pipe once crossed over and return it to normal trench depth as quickly and compact as possible in order to return to normal trench depth, this included extensive trench support and development of temporary works designs.

Also, the HDD was crossing one of the most critical of Ireland's highways: the M50 which is the ring road built around the outside of Dublin. Coupled with this were two critical 38KV Electricity cables supporting the electrical infrastructure of the surrounding area. This involved close





**THE SOLUTION DEVELOPED JOINTLY BETWEEN BALFOUR BEATTY CLG AND GAS NETWORKS IRELAND WAS TO INSTALL A 450MM STEEL CARRIER PIPE ACROSS THE MOTORWAY AND INSTALL THE PE THROUGH THE PIPE**



liaison with the Transport Infrastructure Ireland (TII) and the Electricity Supply Board (ESB).

A number of trial holes and bore holes were carried out prior to drilling; it was a Gas Networks Ireland design requirement that the HDD had to be a minimum of 7m clearance below the carriage way and that zero deflection was permitted on the carriageway. Substantial surveys were carried out to ensure that there was no deflection of the road surface and the required depth was met.

Multiple stakeholders had to be managed throughout the programme of works - from adjacent landowners and residents to third party contractors and statutory authorities.

A number of specialist sub contractors also had to be employed to deliver this vast and complex infrastructure project.

The construction of the new AGI was completed with the stipulated 22 weeks timeframe, while the programme for the HDD and outlet pipe line installation was 12 weeks and was completed three weeks ahead of schedule.

**Other Awards**

Meanwhile, Balfour Beatty has also been successful in recent months in no less than

seven different categories in the 2019 Green Apple awards held at the Houses of Parliament. They included the Scotland Green Champion Award for a project carried out in collaboration with Scape Group on behalf of Perth & Kinross Council in Scotland, while the company's joint venture with VINCI took home a Gold Award for its innovative approach to sustainable highways works when transforming the M6 junction 2-4 to a SMART motorway. Additionally, an overhead line refurbishment works scheme in South Wales secured the Environmental Best Practice award, where the team safely removed more than 20 birds' nests to prevent them from being destroyed. It also claimed a Bronze award for its innovative construction of a new water treatment at the Lake District National Park.

Balfour Beatty also secured the Environmental Best Practice award for its innovative recycling techniques on the A285 road safety scheme, on behalf of West Sussex City Council. The scheme recycled approximately 8,000 tonnes of material, significantly reduced overall waste, disposal costs and environmental impact.

All of these awards are clearly a testament to Balfour Beatty's approach to delivering sustainable solutions across its many diverse projects.

Commented Heather Bryant, Balfour Beatty's Health, Safety, Environment & Sustainability Director: "I am delighted that Balfour Beatty's effort to deliver sustainable and innovative approaches to construction methods has been widely recognised. We are committed to taking a proactive approach to health, safety and wellbeing of staff and the sustainability of our environment."

**FROM THE DESK OF:  
GORDON BEST, REGIONAL DIRECTOR, MPANI**



*Gordon Best, MPANI*

# NEW YEAR GETS OFF TO A POSITIVE START

**It's somewhat of a relief to deliver a more positive message at the beginning of a new year in comparison to the last two years that were shrouded in uncertainty and a litany of negative messages. Brexit is done and we have a new working Assembly and Executive which at least, albeit it early days, gives business here some certainty on the way forward.**

That being said since the Withdrawal Agreement and the General Election the NI Business Community has continued to lead and have come together in an unprecedented way to ensure the best possible outcomes for NI ensuring unfettered access and equality for NI business in the UK Internal Market.

As the withdrawal agreement passed through the House of Commons, then to the Lords and back to the House of Commons the NI Business Group, in which I on behalf of MPANI Members have played an active role, has come to together with all of the NI MPs and Lords to support agreed amendments to the Bill in order to protect NI Businesses and Consumers.

To be prosperous NI business needs a level playing field with the rest of the UK which includes unfettered access. The integrity of NI as part of the UK internal market is critical to our economic success. The PM and the Conservative manifesto said that there would be no disadvantage to NI and we would like that commitment from HMG and an explanation how to do that. There should be no additional costs on the NI private sector or consumer as a result of the implementation of the NI Protocol.

The NI Business Group have been making it clear to HMG, MPs and Lords that friction and delays on trade either way will have huge implications for the just in time supply chain and for consumer choice and affordability. The Business Group ask is Derogation, Mitigation, Legislation from Government to support and protect trade and supply chains.

On Monday 13th January the NI Executive and Assembly were re-established. The NI Business Community has wholeheartedly welcomed this. MPANI immediately sent congratulations to the new Ministers of Departments we regularly meet with. MPANI have already been in touch with the New Ministers who we will be working closely with such as Nichola Mallon, Conor Murphy, Diane Dodds and Edwin Poots.

**High Priority**

As an Association we are known to many of the Ministers and have worked with them before. Obviously we work closer with some Departments than others.

The higher priority Departments for MPANI are as follows:

**Department for Infrastructure:  
Minister Nichola Mallon (SDLP)**

Nichola has been a Member of the Legislative Assembly for Belfast North since 2016, and was Lord Mayor of Belfast in 2014–2015. She was elected Deputy Leader of the SDLP in 2017. When Mark Durkan was Environment Minister Nichola was his Special Adviser and I had many meetings with her so she knows who we are and what we do. She has also attended a number of the Assembly All Party Group on Construction meetings which MPANI provide administration assistance.



*Our priorities with Nichola will be to keep her informed of our MPANI objectives:*

- Adequate funding for the maintenance of roads, water and sewerage infrastructure.
- A Mineral Planning review and the need for the establishment of an NI Minerals Forum.
- Delivery of outstanding infrastructure projects like the A5, York Street Junction and completion of the Strategic Roads Network.
- Making a positive decision on Lough Neagh Sand extraction.
- Procurement processes that support responsible operators

**Department of Finance:  
Conor Murphy (Sinn Fein)**

Conor served as MP for Newry and Armagh and also has been the Minister for Regional Development in the Northern Ireland Executive from 8 May 2007 until 16 May 2011. MPANI has worked with Conor before as DRD Minister and has also engaged with him on Members interests in his constituency. He also penned a message for our QPANI Journal back in 2014.



*Our priorities with Conor will be:*

- Ensuring adequate investment in our infrastructure.
- Creation of multi-year budgets thus creating better planned investment.
- The devolution of Aggregates Levy to NI and ensuring a fair and transparent policing of the levy.
- Centralised delivery unit for major infrastructure projects.
- Fair, transparent and effective construction procurement process.

**Department for the Economy:  
Diane Dodds (DUP)**

Diane served as a Member of the European Parliament (MEP) for the Northern Ireland constituency since 2009. She previously sat in the Northern Ireland Assembly from 2003 to 2007 as MLA for West Belfast. In 2020, Dodds returned to the Assembly as MLA for Upper Bann. MPANI has worked very closely with Diane over the last 10 years mainly on lobbying in Brussels on protecting our NI Quarrying Industry against the harmful effects of Aggregates Levy and other EU legislation.



*Our priorities with Diane will be:*

- Working with her officials in HSENI, Invest NI, GSNI and Minerals Branch to highlight the importance of our industry to the wider economy within the Executive.
- Assisting in developing an Energy Strategy for NI and securing assistance for our Industry as we transition to a low carbon and eventually zero carbon economy.
- Setting up a NI Minerals Strategy and Forum.

**Department for Agriculture  
Environment and Rural Affairs:  
Edwin Poots (DUP)**

Edwin Poots is a farmer and was a member of the Environment Committee; he chaired the Committee of the Centre (Committee for the Office of the First and Deputy First Minister) in the 1998–2003 Assembly. In 2007, he was appointed Minister of Culture, Arts and Leisure, a post he held until June 2008. In 2009, Edwin was returned to the Executive as Minister of the Environment, and in May 2011, he was appointed as Minister of Health, Social Services and Public Safety. MPANI has worked with Edwin in the past as Environment Minister and has been a supporter of our Industry in the past and we look forward to working with him and his officials on:



- Better awareness from his officials within NIEA about our Industry and the needs of our Industry particularly ensuring speedy responses as a consultee to planning applications, developing strong relationships and compliance support in regards to air emissions, water management, biodiversity and responsible sourcing. Promoting our "Good Neighbour Scheme".
- Working to protect our supply of materials to the Farming and Agriculture.



# GROUNDFORCE SHORCO HELPS KEEP LUTON DART ON TARGET

Groundforce Shorco's new MP375 hydraulic props are playing an important supporting role at one of the UK's most ambitious civil engineering projects.

The new Luton DART (Direct Air-Rail Transit) project will replace a slow and inefficient bus service to provide a direct link between Luton Airport Parkway station and London Luton Airport 2.3km away, cutting the journey time to less than four minutes.

Much of the railway is located underground and Groundforce Shorco's £1.2m contract involves ground support for four locations: the viaduct piers; an open-cut tunnel known as the Trough; a cut-and-cover tunnel, known simply as the Tunnel; and Central Station, an underground terminus and maintenance area at the airport.

## Extensive support

Poor ground conditions mean that extensive support is required within the excavations: propping is split into nine zones and each zone is between 50m and 100m in length. In total, Groundforce will be supplying approximately 140 props to support excavations ranging in width from 11m to 21m.

"The ground conditions are very poor," comments Daniel Hobson, section manager for the main contractor, Volker Fitzpatrick/Kier Joint Venture. "It consists of structureless chalk and flinty clay in complex bands and pockets," he explains.

The chalk in particular is difficult to work with as it has a tendency to dissolve into a slurry when wet. "It's weird stuff. When we were drilling boreholes we literally couldn't retrieve any cores in some places; once it gets wet it turns to toothpaste," says Daniel.

"Added to that, this is a very complicated engineering job," he adds. "We're doing a mixture of top-down, bottom-up and cut-and-cover tunnelling and building a 50m viaduct."

One of the most demanding elements is the Central Station maintenance area where



an open excavation has been avoided by installing a roof slab over the underground facility before commencing excavation.

"We prepared the ground, power-floated a surface blinding layer and applied a wax sealer and release agent and then installed the slab and capping beam in one go," explains Daniel. Excavation then commenced at one end of the structure and progressed along a sequence of headers and benches dug out from underneath the slab.

## Excavation

This excavation required lateral support at a depth of around 4.5m – but with the roof slab already in place the props couldn't be

simply lifted into the excavation as usual. Instead, two apertures were created in the slab to allow equipment to be brought in and excavated material taken out.

"The props for the central station Maintenance Area had to be split into 4m-long sections allowing them to be dropped through the voids in the slab," explains Groundforce major project manager Andy Simms.

The Luton DART project is also the first outing for Groundforce Shorco's new MP375 prop – a higher-capacity version of the MP250 unit.

Loads are high on this project – so much so that Groundforce is supplying

around 60 of its highest-capacity MP750 props in addition to 21 of its MP150s and 38 MP250s.

The MP375 – with a nominal load capacity of 375 tonnes – sits between the MP250 and the MP750 (250 tonnes and 750 tonnes respectively). Its primary advantage is that it can support high loads in corners, spanning at 45°. “The minute you put a prop at an angle, the load increases. Across a corner the load, imposed at an angle of 45°, goes up by around 40%. Once these loads get close to the capacity of the MP250 you need a larger prop,” explains Andy.

“Specified loads are getting bigger as projects increase in size, which is why we’ve developed the MP375,” says Andy. “With the new prop we can do higher loadings and still maintain plenty of working space within the excavation.”

The project – one of the largest ground support contracts Groundforce has ever delivered – is further complicated by the need to work around a live airport. Co-ordination between the client, main contractor,

specialist contractors and engineering consultants Tony Gee & Partners (tunnels) and Hewsons Consulting Engineers (Central Station) has been facilitated by the extensive use of 3D modelling.

The use of modular hydraulic propping equipment has helped streamline the programme, says Dan: “It means we don’t have to cut and weld steel because it’s completely adjustable. This and the availability of Groundforce’s equipment has saved us a shed-load of time. The Groundforce technical team has been really helpful, too,” adds Daniel.



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**POOR GROUND CONDITIONS MEAN THAT EXTENSIVE SUPPORT IS REQUIRED WITHIN THE EXCAVATIONS: PROPPING IS SPLIT INTO NINE ZONES AND EACH ZONE IS BETWEEN 50M AND 100M IN LENGTH. IN TOTAL, GROUNDFORCE WILL BE SUPPLYING APPROXIMATELY 140 PROPS TO SUPPORT EXCAVATIONS RANGING IN WIDTH FROM 11M TO 21M.**

# £9 Million Upgrade at Killyhevlin Water Treatment Works gets Underway

**NI Water says that a £9 million investment at Killyhevlin Water Treatment Works, Enniskillen, is now underway, which will bring major benefits to the security of the water supply to customers in Fermanagh and Clogher Valley.**

The upgrade work involves the construction of a new clear water storage tank on site, which will provide essential support for water services, particularly during emergency situations, as well as improving the security of the water supply and drinking water quality.

As part of the project, construction is also underway on a new Pumping Station to allow for a future increase in water supply demands.

Paul Davison Head of Water Capital Procurement at NI Water said: "The Killyhevlin plant treats water from the River Erne and supplies around 36 million litres of water per day to Fermanagh and the Clogher Valley. This upgrade will be particularly



**Back row: Alan Clyde Dawson WAM, Jamie McDonald Capita and NI Water's Paul Davison. Front row: Patrick McKendry Dawson WAM, Lesley Cooper Capita, Chair of Fermanagh and Omagh District Council Siobhan Currie, Mark Richardson, Kevin McAleer and Maurice Wright (all NI Water).**

important during winter periods and other emergency situations and will help us to continue to deliver a world-class water service to the Fermanagh and Clogher Valley region."

The investment at Killyhevlin is a great example of what can be done when there is sufficient investment in the water and wastewater infrastructure. In the PC15 funding period (2015

to 2021) the total investment in Fermanagh and Omagh District Council will be around £80m; for the PC21 funding period (2021 to 2027), NI Water is bidding for £146.9m. This money is needed for two things; firstly to maintain and keep the existing water and wastewater assets in the Council area running and secondly to address identified capacity and potential environmental issues. Further investment is essential to improve future water and wastewater services for our customers.

The Chair of Fermanagh and Omagh District Council Councillor Siobhan Currie added: "I was impressed to see great construction progress at the new water storage tank, which will protect the local water infrastructure."

Dawson WAM is the main contractor for this major programme of work with Capita providing Project Management and technical support.



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*Pictured here (L-R) are Roger Wolens (Founder of The Green Organisation), Jemma Lowry (Lowry Building & Civil Engineering), Jayne Lowry (Lowry Building & Civil Engineering).*



*From(L-R) are Sara Venning (CEO NI Water, LBCE), Jemma Lowry (LBCE), Roy Taylor (Catchment Manager, NI Water), Peter Smith (LBCE) & Ivan Graham (LBCE).*

# World-Class “Green Apple” Environmental Award for Lowry Building

Lowry Building and Civil Engineering has been awarded a prestigious “Green Apple” award for its work to install dams for NI Water, as part of the restoration of Garron Plateau Blanket Bog. The project

won the ‘Green Champion Award’ under the Building and Construction Sector.

The catchment area around Dungonnell Service Reservoir, located in the Garron Plateau, Co Antrim, is a Special Area

of Conservation (SAC), Special Protected Area (SPA) and Area of Scientific Interest (ASSI), as well as a Ramsar Site (wetland of international importance).

It is home to rare and endangered species such as a Hen Harrier, Merlin and Marsh Saxifrage. Using a combination of stone, timber and peat dams, the work will improve the hydrological effectiveness of the peatlands, re-establishing the habitat to endangered species and helping counteract the effects of climate change.

Jemma Lowry, Business Development manager at Lowry Building and Civil Engineering, says: “Lowry Building & Civil Engineering are delighted that the peat restoration works during the Dungonnell Co-operation across Borders for Biodiversity (CABB) project have been recognised at such a high level with a Green Apple Environment Award. All those involved should be extremely proud of delivering such a challenging and environmentally sensitive project. This award is a huge demonstration of the commitment to sustainable construction by ourselves, NI Water, INTERREG and everyone involved.”

Roy Taylor, NI Water Catchment Manager said: “NI Water are delighted that Lowry Building and Civil Engineering have won this major world-class environmental award, proving that the Garron Plateau bog Restoration ranks alongside the best environmental projects in the world.

NI Water have worked closely with RSPB to deliberately block

drains to raise the water levels in the peat, recreating bog pools. This gives the ideal conditions for sphagnum mosses and vegetation to grow, which then naturally filters the water, aiming to produce high quality water with fewer chemicals needed to clean the water. The blanket bog restoration is not only a win for NI Water in terms of raw water quality, but it is also a win for the environment as it absorbs carbon and creates an improved habitat for wildlife.

“Our customers are at the heart of everything we do and one of our customer promises is to protect and enhance the natural environment - which this scheme undoubtedly delivers. I would like to congratulate the team who worked at the Garron Plateau Bog Restoration Project on this achievement, including Lowry Building and Civil Engineering.

“None of this would have been possible without the unwavering support of the RSPB, the entire Co-operation Across Borders for Biodiversity (CABB) project team and of course the funding provided through the EU’s INTERREG VA Programme. We sincerely thank them all for making this possible.”

This world-class award was presented to Lowry Building and Civil Engineering at a ceremony in the Houses of Parliament, Westminster as part of the 2019 Green Apple Environment Awards – a national campaign organised by the Green Organisation to find Britain’s greenest companies, councils and communities.







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# STEELWRIST BUILDING ON PARTNERSHIP WITH INNOVATE

**With the beginning of a new year, Steelwrist UK is hoping to expand its customer base across the island of Ireland in the months ahead.**

The company took the first steps several months ago with the appointment of Antrim based Innovate as its dealer and service partner.

The coming together of the two companies has already focused plenty of attention on the Steelwrist product portfolio, which, of course, includes tiltrotators and other excavator attachments.

The manufacturer's tiltrotators featured prominently on the Innovate stand at the recent Spring Farm Machinery Show at the Eikon Centre, Lisburn, with live demonstrations.

Comments Steelwrist's Pat Bulcock: "We are excited about increasing our market share in both the north and south of Ireland in the year ahead now that our new dealer and service partner Innovate is firmly in place; they are already doing a great job in getting our name out there.

"We already have established customers in Ireland, and with Innovate we are building our presence and our customer base.

"The Steelwrist product portfolio is well respected across the UK and Ireland; our tiltrotators have transformed how operators go about their work, transforming excavators into more versatile and flexible machines. It has become a 'must have' product. Experienced operators usually estimate the productivity improvement to between 20 and 35% depending on the type of job.



"When you go from working without to working with a tiltrotator statistics show that you will never go back. We have virtually 100% conversion in all markets where we operate. Can you get a better track record?"



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# NEW YEAR NEW LOOK FOR INNOVATE



**2020 marks the dawn of a new look for Antrim-based Innovate who have been supplying the needs of Contractors, Engineers and Surveyors across Ireland and the UK since 2012.**

As proud partners of Leica Geosystems, Innovate have been bringing revolutionary measurement and survey tools to the marketplace over the past eight years – and they are continuing to do so, helping customers to become more proficient using the tools that make everyday life and work so much easier, effective and precise.

The rebrand comes at a time when Innovate have expanded their offering and have partnered with another world renowned brand, alongside the revolutionary Leica Geosystems – leading tiltrotator manufacturer Steelwrist.

Steelwrist works hand in hand with Leica Geosystems, perfectly complementing each other. More often than not someone interested in a tiltrotator will also be interested in a machine control system.

As one of the fastest growing manufacturers of its kind in the world providing tiltrotators, quick couplers, accessories and attachments for excavators and backhoe loaders, Innovate are excited to be partnering



Steelwrist, whose tiltrotators transform excavators into more versatile machines.

The new look Innovate now has a new uncomplicated tagline - 'Precision, Power, Performance', the reason being that it better expresses the vision and mission of the business. Precision is a nod to the

Leica Geosystems brand, Power lends itself to Steelwrist and Performance expresses what Innovate are all about, improving the performance of everyday workflows.

Innovate aim to do this through selling products, hiring products, servicing products, training on how to use



Martin Graham (Innovate NI) with Pat Bullcock of Steelwrist.



Showcasing the Steelwrist tiltrotator.



products and supporting customers when something goes wrong.

**New Team Members**

As well as expanding the customer offering, the team has also introduced new team members, including Heather McClay (Customer Care), Lynsey Scott (Service Co-Ordinator), John McMullan (Service Technician), and Kirsty Campbell (Marketing & Events Co-Ordinator).

Comments Innovate’s Martin Graham (Integration Specialist): ‘Expanding the team allows each member to focus on

what they are good at and ensures that all customers get the best service possible. Without customer satisfaction where would we be? I am proud to bring new members and new personalities to the business who can grow and thrive with Innovate.’

**Show Debut**

Innovate revealed their new look recently at the Spring Farm Machinery Show at the Eikon Centre, Lisburn, and says event organisers AJS Promotions: “It was a pleasure to have Innovate exhibit with us for the first time at our Balmoral Spring Farm and Plant Machinery Show 2020.

“As organisers of events of this nature it’s always refreshing to welcome new companies with exciting new products and we were proud to be able to showcase the Steelwrist tiltrotator at our show.

“Their stand was a talking point throughout the two days with excellent live demonstrations of the tiltrotator and Leica Geosystems machine control; it caught everyone’s attention.

“Innovate are clearly a company destined for big things and we look forward to watching them grow over the coming months and years.”



# Mineral Products Industry Priorities for NI Government

## The Mineral Products Industry has been outlining its priorities for the new Northern Ireland Executive at Stormont.

The mineral products and quarrying industry, an essential, indigenous and a major primary material producer locked into the DNA of the NI economy, supply 80000 tonnes of material per day to construction customers and are critical to many other NI industries.

Transport, energy, agriculture, water and housing all rely upon the supply of mineral products of one type or another.

In short, the industry is fundamental to the economy, the development and maintenance of NI Infrastructure, the built and natural environment and the improvement of people's everyday lives.

Mineral products will continue to be essential as Brexit unfolds and NI plots its new course. Our members stand ready to deliver the materials needed for supporting higher levels of economic growth and delivering the transition to a net zero carbon economy by 2050.

To maximise competitiveness of our sector and the wider economy, NI Government should prioritise the best access possible to national, all island and global markets and skills.

### *Building confidence for business investment:*

- Making NI more competitive and attractive to investors by maintaining economic stability and minimising uncertainty
- Building on NI's underlying assets, open markets and competitive strengths

### *Boosting growth and productivity by:*

- Stimulating economic activity, through effective industrial and regional strategies
- Accelerating the delivery of energy, water and sewerage, transport infrastructure and housing
- Ensuring education and skills systems provide the workforce with the capabilities required for the modern economy

### *Strengthening NI 'supply chains by:*

- Making the link between all forms of development and the essential mineral product supply chains they rely on
- Prioritising and supporting the indigenous supply of minerals and mineral products in line with the UK Minerals Strategy
- Ensuring neutrality between construction methods and materials to deliver sustainable and value for money projects
- Adopting procurement policies which support the supply of responsibly sourced construction materials

### *Enhancing industrial competitiveness by:*

- Maintaining regulatory and quality equivalence with European standards as well as the UK's position as a world leader in standards development
- Ensuring a level playing field for NI's Energy Intensive Industries with proportionate energy and carbon taxes
- Holding imported construction materials to the same environmental standards as domestic production

### *Making industry taxation fairer and more efficient by:*

- Ensuring proportionate and consistent taxation across all industrial sectors, particularly on environmental taxes
- Promoting investment and innovation through effective taxation policies including capital allowances

### *Improving regulation by:*

- Properly resourcing both the Council and central Government mineral planning and environmental permitting systems
- Maintaining existing environmental and technical standards, but implementing regulation more effectively
- Recognising and minimising the cumulative impacts of planning and permitting regulation and avoiding regulatory duplication
- Ensuring land use planning, safeguarding mineral operations and transport facilities

## Priorities for the Industry and contributing to Programme for Government

*Meeting future demands for mineral products generated by economic growth and development by:*

- Investing in our people to improve skills and competence and broadening awareness of employment opportunities in the sector (PfG outcomes 1-6)
- Investing in indigenous mineral resources, manufacturing plant and transport operations (PfG outcomes 1, 2 and 5)
- Contributing to the innovative development of mineral products and evolution of product standards and design codes (PfG outcomes 1 and 2)

### *Improving the sustainability of the NI supply by:*

- Protecting the health and safety of our workforce and all associated with the industry, including neighbours and local communities (PfG outcomes 2,4 and 6)
- Providing and enabling solutions for the UK and NI to deliver a net zero carbon economy by 2050 (PfG outcomes 1-6)
- Continuing to make full use of recycled and secondary materials, supporting the circular economy (PfG outcomes 1-6)
- Increasing biodiversity, net gain and nature conservation (PfG outcomes 2,4,5)
- Contributing to improvements in air quality, reducing emissions of air pollutants (PfG outcomes 2,4,5,6)
- Working with customers to ensure efficient and sustainable use of industry products (PfG outcomes 1-6)

## Planning for New MPANI Journal Underway

### **MPANI, along with 4SM (NI) Ltd, publishers of Plant & Civil Engineer, have just started preparations for our next Journal entitled "MPANI 2020/21".**

Scheduled for publication in April 2020, this prestigious, perfect bound, full colour glossy journal will impact every industry sector that the Association represents and feature comprehensive editorial content on YOUR issues, YOUR companies, YOUR products and YOUR developments.

The focus of the Journal will be "An Essential Industry – Delivering for Local Communities and N. Ireland." We will look back over the last 2 years at the challenges we have faced and how we

overcame them, we will debate the impact of the changes we have seen and we will focus on the many future challenges that will both threaten and give challenge to our construction materials and minerals sectors in Northern Ireland. Changes in the planning system, safeguarding of future resources, the need to decarbonise, automation, skills and recruitment and the need for an effective and fair public procurement process.

A very important aspect of the Journal, as in other years, is to highlight the very positive work that many of our Members do in their local Communities, on environmental good practice, health and safety best practice,

supporting local charities and last but by no means least working with local schools and colleges to promote careers and improve the gender diversity within our Industry.

*Comments Regional Director Gordon Best:* "I would ask Members to give some thought to providing some good editorial on the topics mentioned above. As I've said this is a great opportunity to highlight and promote not only your company but also the positive contribution that our Industry makes to our local community and economy. I would ask that if you have positive examples of any of the above to send it through to me. Approximately 400-500 words with good illustrative pictures would be ideal."



# innovate

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# ALL ROADS LEADING TO LAS VEGAS FOR CONEXPO-CON/AGG

Many of Northern Ireland's and the Republic's leading players in the plant and construction sectors will be among the thousands of worldwide exhibitors attending this year's CONEXPO-CON/AGG in Las Vegas – and *Plant & Civil Engineer* magazine will also have a presence at the five day event being held between March 10th and March 14th .

The show over the years has proven to be an international gathering place for the construction industries, with a focus on construction, aggregates, concrete, earthmoving, lifting, mining, utilities and more.

The event, which features exhibits of the latest technologies and innovations in equipment, products and services plus extensive industry-targeted education, brings contractors, dealers, distributors, service providers, engineers and producers together. No other show connects attendees from every major construction sector.

With almost 3,000 exhibitors and 180 education sessions, there will be something for everyone attending from scores of countries around the world.

There will be product concentration areas, as well as specialised exhibit pavilions, which will make it easy for visitors to locate specific products, services and exhibitors of interest.

Attendees at the 2020 show can also take advantage of more than 180 education sessions packed with timely and actionable



information, developed with the guidance of leading industry groups, and delivered by industry experts and covering a variety of equipment applications, site development, fleet management, business best practices, technology, safety, and attracting and retaining talent.

"The line-up of programming is not only larger than it has ever been but includes a fresh line-up of speakers stacked side-by-

side with core programming that is always highly attended," said Eileen Dickson, vice president education, National Ready Mixed Concrete Association and CONEXPO-CON/AGG Education Committee chair.

Over the following pages, *Plant & Civil Engineer* takes a look at just some of the highlights and new product launches that visitors can expect...



# THE ONE LAS VEGAS SHOW YOU NEED TO SEE



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# Terex Trucks to showcase TA300 and TA400

**Articulated hauler specialist Terex Trucks is bringing both the TA300 and TA400 to CONEXPO. As part of the Volvo family, the company will be sharing a booth in Las Vegas with other Volvo Group brands including Volvo Construction Equipment, Volvo Trucks and SDLG.**

Visitors to the company's booth will have the chance to take a closer look at both the TA300 and TA400 articulated haulers and discover the significant investments and improvements that have been made in the products, facilities, people and processes since Terex Trucks was acquired by Volvo Construction Equipment (Volvo CE) in 2015.

Comments Paul Douglas, Managing Director of Terex Trucks: "A significant proportion of the machines we make at our Motherwell facility in Scotland are distributed to customers across North America. As a company, we want to grow our business in North America, reaching new customers and working with our expanding strong dealer network in



the region – which currently stands at 40 dealers – to deliver an even better service."

A closer look at the TA300 and TA400 is not all that the Terex Trucks booth is offering - there will be a giant Jenga and beat the buzzer game, with daily prizes for the fastest time on the buzzer! "CONEXPO is a showcase of virtually every machine in the industry – but for Terex Trucks, it's all about the articulated hauler," concludes Paul.

"The articulated hauler is the only product

Terex Trucks develops – so we're able to focus all our attention on this machine."

Since the beginning of last year, the TA300 has been manufactured with a new transmission, leading to improvements in fuel efficiency, performance, productivity and operator comfort, when compared to the previous model working in the same application.

The 28-tonne (30-ton) workhorse delivers a 5% improvement in fuel efficiency, a 5 km/h (3.1 mph) increase in speed to 55 km/h (34 mph) and an increase in the length of time between oil maintenance intervals from 1,000 to 4,000 hours. In addition, the machine now comes with eight forward gears as well as four reverse gears, to help ensure smoother gear shifting and thereby higher levels of operator comfort. All of this means that customers can be more productive, achieving faster cycle times, lower cost per tonne and reduced carbon emissions.

The TA400, the largest articulated hauler on offer from Terex Trucks, has a maximum payload of 38 tonnes (41.9 tons) and a heaped capacity of 23.3 m<sup>3</sup> (30.3 yd<sup>3</sup>). Powered by a high performance, fuel efficient engine that develops a gross power of 331 kW (444 hp), the TA400 is designed to meet the demands of the most extreme operations such as quarries, mines and large-scale construction projects.

# Sandvik showcases next generation equipment and services

**Sandvik Mining and Rock Technology will showcase several innovative solutions, with the focus as always, on new technologies and methods supporting customers to improve their safety, productivity and sustainability even further.**

The show gives Sandvik the opportunity to interact with customers from the global construction industry and introduce to them the very latest developments in technology and services, together with the value those solutions can deliver to a customer's operations through the support of its global sales, service and distributor organisation.

Some of the cornerstones of the extensive Sandvik offering of equipment and services will be on display, as well as promoted through the very latest digital technology, demonstrating why it is a supplier of choice in application areas including rock drilling, rock cutting, crushing

and screening, loading and hauling, tunnelling, quarrying and breaking and demolition.

For example: Leopard Di650i drill rig, incorporating new drilling simulator and SanRemo Mobile

Leopard Di650i down-the-hole (DTH) drill rig is designed for demanding high-capacity production drilling applications in surface mining, as well as large-scale quarry applications. In addition to a powerful engine and compressor, Leopard Di650i incorporates a highly ergonomic iCAB cabin, excellent serviceability, mobility and fuel economy, along with scalable automation packages, to offer excellent overall productivity.

In addition to the actual drill rig being on display, visitors will be able to try out its performance using the Leopard Di650i drilling simulator to guide them through the whole drilling process.

Presented at the show for the first time, SanRemo Mobile is a mobile device-based connectivity

solution for Sandvik surface drill rigs which quickly and easily transfers cost-effective drill plans, reports and other drilling data to increase operational efficiency.

Also on show will be a UJ440i mobile jaw crusher, a high-quality, robust and reliable unit that has proved itself capable of working throughout the world in all climate conditions.

Customer benefits include trouble-free operation thanks to the mobile jaw crusher's onboard integrated 'intelligence' system. This allows for simplicity of operation, as the UJ440i is continuously and automatically monitored by the control system that operates the unit, enabling full optimisation of production. Designed on a fully tracked chassis and operated via radio remote control, the UJ440i is fitted with the Sandvik CJ412 jaw 1200 x 830 mm / 47 x 33", which offers great size reduction and consistent production, thereby maximising uptime and more efficient

operation. Specifically suited to aggregate production and mining applications, the model is very versatile and can be offered in three different variants to suit the customer's specific application.

On display, too, from Sandvik's mobile crushing and screening offering is the revolutionary modular double deck hanging screen, which connects to Sandvik QH332, QS332 and Q1442 tracked crushers. Unique benefits of the screen include its ability to be quickly adapted for operation in open or closed circuit configurations, a patent pending adjustment system that allows the screen to be quickly reconfigured to recirculate and produce a single sized finished product or two-sized finished product. The complete module, including screen measuring 3.5 x 1.4 m / 12' x 5", can be installed or removed from the plant in less than 30 minutes, without the need for any onsite lifting equipment.

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# Kinshofer Focusing on Product Innovation and Excellence

**With an exciting selection of new and recently updated products on display at ConExpo 2020, the Kinshofer Group's stand will provide the perfect stage for an international audience to see the company's creative strength and depth, first hand.**

Technological innovation has always been at the forefront of Kinshofer's engineering and manufacturing approach – typified by the cylinderless NOX Tiltrotator range, one of the most advanced tools available for excavators and SmartFlow, the fully automatic hydraulic quick coupler system.

Kinshofer will showcase a selection of attachments through a combination of static displays and live demonstrations.

On show will be Kinshofer's SmartFlow Quick Coupler System (D-Lock Quick Coupler with SmartFlow adapter). This new proprietary, fully automatic, retrofittable, hydraulic quick coupler system, brings significant benefits to customers in multiple markets.

Five hydraulic circuits can be coupled comfortably, allowing you to change quickly, safely and efficiently between various mechanical and hydraulic attachments from inside the cab - advantages include a low-maintenance operation



and a maximum high oil-flow, which in-turn bring improved carrier machine fuel consumption and associated enviro-friendly benefits.

The company's display will include, too, the KFX hydraulic breaker-series, for excavators from 8-200t, which provides a powerful, high-performance, robust and reliable breaker, suitable for any type of excavator and on any single-acting hydraulic system – they are also suitable for hydraulic systems with high back pressure.

Two adjustable valves come as standard: a control valve on the breaker cylinder allows the operator to adjust the number of blows generated – while a second valve allows the adjustment of the working pressure from 160 to 200 bar. An anti-blank firing system avoids blank firing when the breaker is not in contact with surface rock. Working in tunnels, or even

underwater, is also made possible through the addition of optional air tubes. The KFX breaker-series is available with a range of five different breaker chisel types, suitable for penetrating a variety of surface structure.

Visitor will also be able to see the DXS Mobile Shear which has been engineered to deliver a scrap shear with maximum force, excellent speed and the lowest weight ratio – to deliver the best levels in performance across everyday use in scrap and demolition environments.

This robust tool can be used for a wide variety of tasks including demolition, waste processing and recycling. The DXS Shear is equipped with DemaPower 2.0 hydraulic cylinder technology, delivering 25% more power than conventional cylinders of the same size, with faster cycle times.

## Tiltrotators

Meanwhile, Kinshofer's tiltrotator range is sure to attract plenty

of attention. The TR19NOX, for example, is one of the most technologically advanced tools for excavators - no cylinders to get caught or damaged working in confined spaces, no drop-off in power thanks to a smooth, constant torque delivery, an impressive 50° tilt angle on both sides and the largest range of specialist tiltrotator attachments available from a single manufacturer – making it a highly efficient addition to any job site.

Displayed alongside the impressive TR19NOX (for machines with an operating weight of 14-19 tonnes) there will also be two smaller model sizes, new to the range - the TR07NOX and TR11NOX, sharing the same compact design. Plus, a new NOXPROP CSP control system will be on show, featuring self-calibration, a single touch screen and multiple connection options as well as a memory function for several operator profiles.

Visitors will also be able to see up close Kinshofer's range of Tilt Couplers. This range covers excavators with an operating weight 1.5-23 tonnes and allows for a tilting angle of 2x90°. In combination with Kinshofer tilt buckets or quick coupling systems, the application options for your carrier machine are greatly increased.

The compact, elliptical tilting drive results in a low overall height and width – it also runs in a permanent oil bath, meaning less maintenance and the closed system also makes working underwater possible.

# Wirtgen Group Promote Innovation, Performance & Partners

**"Innovation. Performance. Partners." The Wirtgen Group's trade show booth in Las Vegas will feature all three, including more than 30 machines on display.**

In addition, an impressive 10 new machines will be unveiled for the first time at the trade show, highlighting the innovative strength of the group of companies. This high level of innovation and performance will be on full display at the group's 2,800 m<sup>2</sup>/30,000 sq. ft. trade show booth, with the spotlight on Wirtgen's latest generation of large milling machines, the trade show highlight of Conexpo-Con/Agg 2020.

As a reliable partner to the construction industry, the Wirtgen Group will also be presenting many groundbreaking solutions for road construction to the trade visitors.





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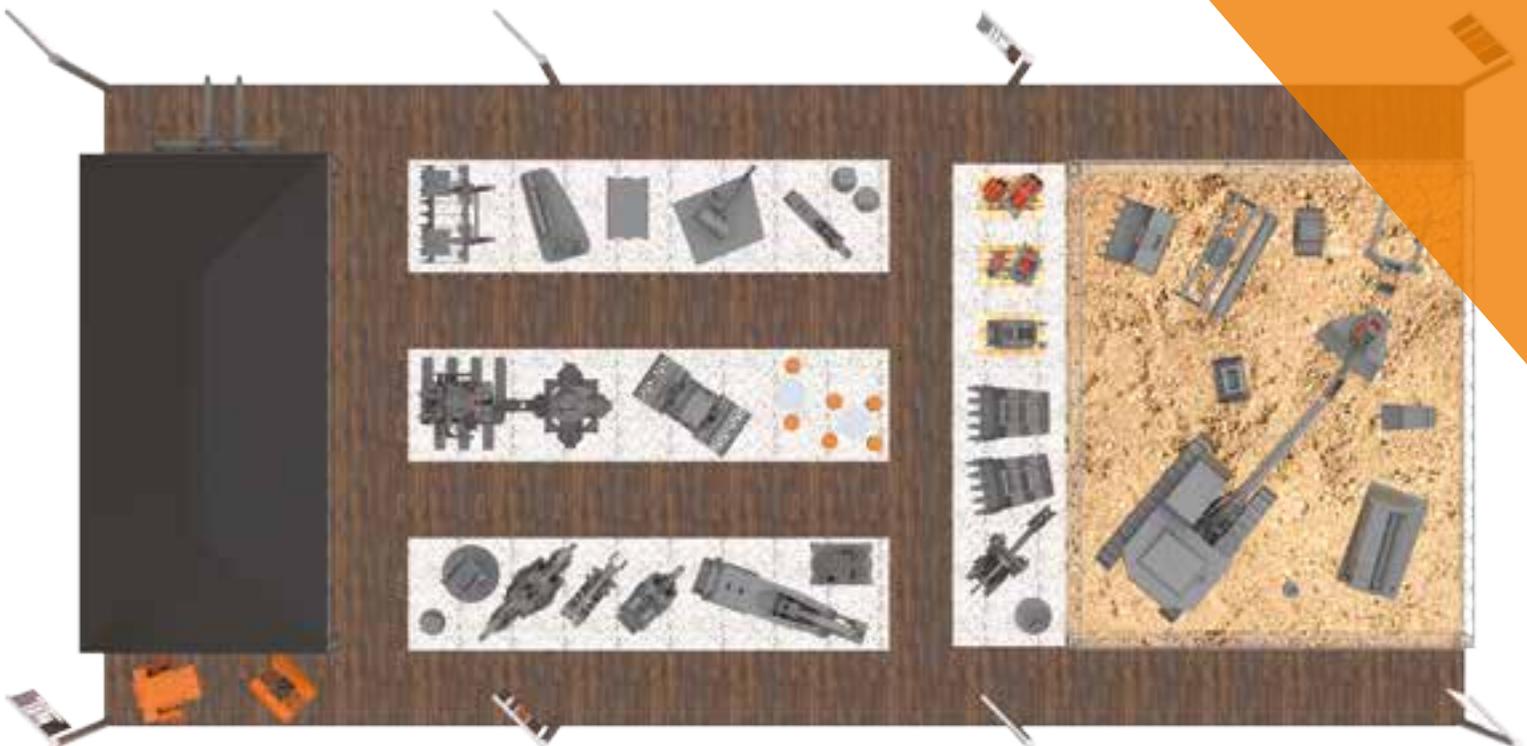


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# Tesab to Officially Launch its New Cone Crusher

**Following the success on the show circuit throughout 2019, Tesab now turn their attention to CONEXPO 2020 in the US.**

Situated at a prime location in Central Hall, Tesab will be working alongside their existing customer base in the US and Canada as well

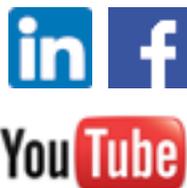
as being on the lookout for potential new dealers to represent the growing Tesab brand. Tesab will be bringing along their most popular products and recent product developments - including the 700i Jaw Crusher and the recently launched 1150TC Cone Crusher. The 700i Jaw Crusher has been their most popular model throughout the US

since its launch at CONEXPO in 2017, so the 2020 show is the perfect place to officially launch the 1150TC – the latest in a number of ongoing product developments throughout the Tesab brand.

With a range of sales and technical personnel available on the stand, Tesab's team will be happy to help with all your queries and will show you how Tesab produces reliable, high performance crushers, screeners and bulk handling systems that provide the best solution to help get the best out of your business.



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**Location: Central Hall 3-5**

**Stand No: C-32389**

MARCH 10-14, 2020

LAS VEGAS, USA

# Rapid Makes Its 9th Show Appearance

Rapid International will once again exhibit at Con Expo 2020. This will mark the company's 9th appearance at the international exhibition which takes place every three years at the Las Vegas Convention Centre.

Following the 2019 retirement of Rapid's long term sales partners, Dennis Bauer and David Thaden of Rapid International USA, INC, Rapid's sales network has been restructured, building on the partnership's outstanding work. The restructure has further strengthened the sales, in-market technical support and spare parts networks. Rapid has been operating in the USA, Canada and Central America for nearly 25 years and is a market leader in mobile continuous mixing technology for concrete, construction and environmental sectors. "Restructuring our



already thriving sales network provides us with the opportunity to offer a more streamlined service, while continuing to expand our market share across the regions," says Jarlath Gilmore, Rapid Sales & Marketing Director. At Con Expo 2020, delegates will have the opportunity to see

the innovative Trakmix, track-mounted, mobile continuous mixing plant. Trakmix offers an entirely self-contained design mounted on tracks including an on-board genset, providing the ultimate in fast, mobile flexibility. Trakmix is the first track-mounted mixing plant of its kind to market.

Patent pending features include a superior controls system that weighs all materials and double hopper cement weighing system.

Popular with both civil engineering and road contractors alike, Trakmix is ideal for semi dry mixing applications such as RCC (Roller Compacted Concrete), CTB (Cement Treated Base), soil stabilisation, soil cement, bentonite, marine dredging, mine backfill and many more.

As a long standing exhibitor, Rapid's first Con Expo appearance was 23 years ago in 1993. The very first Rapidmix continuous mixing plant was later sold to the US market in 1996 and is in fact still operational today in Florida, 23 years later. This is testament to Rapid's commitment to manufacture machinery that's built to last.

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# Liebherr to celebrate 50th anniversary at Conexpo Con/Agg 2020

**Liebherr is showcasing an extensive selection of earthmoving and construction equipment - from hydraulic excavators and wheel loaders to material handlers and mobile and crawler cranes.**

Making its US premiere will be the new Generation 8 of Liebherr crawler excavators, made up of seven models ranging from 22 tonne to 45 tonne: R 922, R 924, R 926, R 930, R 934, R 938 and R 945. Two machines of the product range, R 926 and R 938, will be exhibited for the first time in America at the Liebherr booth.

The highlights of the new crawler excavator generation include higher engine power, a heavier counterweight for higher bucket capacities, and minimal fuel consumption. A new equipment concept with a modified piece at the top of the boom is an innovative new feature. This leads to better performance and equipment forces with reduced operating weight of the machine. Another feature is the optimized load curve, which yields reduced fuel consumption. These machines have been specially designed to provide



extra comfort and safety for the operator, as well as optimum ergonomics and performance on the job site.

There will also be two new cranes for the American market: the LTM 1650-8.1 mobile crane and the LR 1800-1.0 crawler crane

The new Liebherr mobile crane has large shoes to fill as it is the successor to the best-selling large crane of all time – almost 600 units of the LTM 1500-8.1 have been delivered to date. The successful concept of the two telescopic boom versions is continued – the LTM 1650-8.1 is

available with 177 ft and 263 ft (54 and 80 m) telescopic booms.

Liebherr will also present four wheel loaders at the show. This includes an L 566 XPower with power-split travel drive. Liebherr installs this drive as standard on its large XPower wheel loaders. It combines short loading cycles with optimal hydrostatic drive with the mechanical drive, the benefits of which come into effect over long distances and up hills.

The L 566 XPower is also equipped with numerous new assistance systems, which Liebherr is showing for the first

time in North America at the exhibition. These include active personnel detection, adaptive working lighting, an integrated tire pressure monitoring system and the weighing system with Truck Payload Assist. The L 566 XPower also has the new joystick steering for wheel loaders.

The largest Liebherr wheel loader, the 71,870 lb (32,6 t) L 586 XPower, will also be at the exhibition stand. With a power split XPower drive, it delivers high performance and enormous fuel savings. The L 538 represents the Liebherr medium-sized wheel loader range. It is equipped with parallel kinematics for high holding forces in the upper lift arms area. It is ideal for working in heavy-duty industrial applications such as in recycling with high dump buckets.

For customers from countries in Central and South America, Liebherr is showing the L 550 wheel loader. It is a representative of the separate wheel loader series for less emission-regulated markets.

## Metso to introduce its latest innovations

**Metso will showcase its latest innovations and field-proven technologies for the aggregates industry, with solutions designed especially for the show.**

"In the world of construction, dependability matters. At Metso we've turned our over 150 years of experience in crushing and screening into solutions that aggregate producers and contractors all over the world depend on to increase their production and profitability, year in and year out," says Simon Pelletier, SVP USA & Canada at Metso. "This year, we have built our show specifically with small- to mid-sized quarrying and general contractors' needs in mind."

Previously launched at the 2017 show, the MX Multi-Action cone crushing technology has been warmly welcomed by quarry

operators around the world with close to 100 units sold in total globally. This year, Metso will feature the new MX3 crusher and a special Lokotrack mobile crushing plant equipped with an MX4TM crusher. The new Lokotrack ST4.10 mobile screen is a high-capacity screening plant for quarrying, which further adds to Metso's range of hybrid equipment.

Metso's key offerings at CONEXPO-CON/AGG 2020 will also include the game-changing, new lightweight truck body solution Metso Truck Body for hauling more with less. The complete solution is available for all major off-highway truck models used in quarrying and mining operations.

Metso is a pioneer in collecting and utilising real-life operational data to get the best possible machine performance. At the show, Metso will demonstrate how Metso Metrics Services for managing and monitoring a

Lokotrack fleet can help optimise utilisation, reduce surprises, and keep costs in check.

"Transportation and landfill are a major part of the costs related to demolition and recycling. Also, recycled aggregates are becoming more acceptable in many regions. We are excited to showcase to visitors our latest solutions to enable new business opportunities and savings in recycling and demolition," Pelletier continues.

Metso will introduce the Nordtrack product family with purpose-designed and field-proven features for general contractors and small- to medium-capacity aggregate producers. The new Nordtrack range includes track-mounted crushers and screens as well as track-mounted and wheel-mounted stacker conveyors ideal for recycling, demolition and small quarries.

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# Edge Innovate Launch Two New High Capacity Waste Shredders

**EDGE Innovate is launching two new high capacity waste shredders; the VS420 and HS750. The two new products will take their place in EDGE's ever-growing waste shredding product line up.**

The EDGE HS750 is a totally new concept to the shredder world. It offers operators a high capacity, horizontal slow speed shredder that combines impressive throughput, the ability to withstand difficult to shred materials and superior resistance to non-shreddables.

EDGE Innovate have uniquely combined the benefits of a high torque, slow speed shredder with a horizontal positive feed delivery system which incorporates an intelligent material management and a tramp metal protection system.

A 42" (1066mm) diameter compression Top Feed Roll aids in the delivery of material to a 42" (1066mm) tip diameter solid steel downturn rotor which has been designed to absorb heavy impacts and deliver high throughput. Potential for rotor overload or material bridging is reduced via an intelligent material management system that ensures the efficient delivery of material to the chamber. Should a blockage

occur; the feeder, top feed roll and rotor can be reversed via the radio remote.

Boasting an impressive list of design features, the EDGE HS750 is powered via a Tier 4 Final / STAGE V Caterpillar C18 engine providing 750HP (560Kw). An intuitive operating system enables operators to select from a number of customisable shredder programmes whilst also displaying hydraulic pressures, feeder speed, rotor speed, torque mode and average fuel consumption. All major functions can be controlled via radio remote ensuring that the HS750 can be operated by a single operator.

Depending on the level of contamination and type of material, operators have the added benefit of being able to select between 2 Rotor Modes with each mode having different torque levels and rotor speeds. Adjustment of finished material piece-size by means of a hydraulically retractable comb enables operators to regulate particle size without the need to change tool inserts, pattern or screen aperture.

#### EDGE VS420

Meanwhile, the EDGE VS420 is a high capacity, high torque twin shaft shredder that is ideal for the processing of a large array of materials including; green waste, MSW, C&D waste, biomass and end of life tyres.

EDGE's next generation shredder has been developed for ultimate versatility and high resistance to contaminants with a number of customisable shredding programmes and chamber configurations available. An intelligent operating system which incorporates tramp metal protection provides the ultimate security from contaminants and prevents asset damage.

At the heart of the VS420 are twin, 2m (6'7") long synchronised, high torque shredder shafts which can be customised to suit a customer's exact application and desired product piece size. EDGE's twin shaft design provides exceptional material intake, ensures less wear, promotes self-cleaning and prevents material wrapping even in the toughest of applications. With a range of both rapid volume reduction and intricate piece sizing chambers available, The EDGE VS420 series can be customised to be deployed as either a primary or secondary shredder.

Powered via a Caterpillar C9.3B Tier 4 Final / Stage V ACERT engine with a power rating of 310Kw (420HP). Caterpillar's SCR technology reduces engine emissions and provides a robust and economical solution for EDGE's customers. Fuel consumption also improves by up to 9% compared to Stage IIIB engine options.

# Volvo CE drives construction with ambitious showcase

**Displaying 'solutions for today and tomorrow' Volvo CE will present its industry-leading range of products and services. More than 30 machines and related uptime and productivity services will be featured, including a number of global and regional launches, at a new location in the outdoor Festival Grounds.**

Volvo CE will be joined by sister companies Volvo Penta, Volvo Trucks and Volvo Financial Services, who will be presenting the latest engine, truck and financial offers. Likewise, Volvo CE's other equipment brands Terex Trucks and SDLG will be present at the show.

Melker Jernberg, President of Volvo CE, said: "Our presence at ConExpo is set to be our best



yet – with a fully immersive technology experience to highlight the changing face of construction. Innovation has long been a part of our DNA, and we are especially proud to be bringing it to the mainstream with the unveiling some game-changing launches at this year's show."

Anchoring the booth are showstoppers from both the largest

and smallest models in the Volvo range. At the compact end of the spectrum, visitors can get hands on experience operating Volvo CE's electric compact machines, the L25H loader and ECR25 excavator. The biggest iron in the booth will be on prominent display with the heavy-duty EC950F crawler excavator, Volvo CE's largest excavator which is now available globally,

and the powerful R100E rigid hauler – both offering strength and stability for quarrying, mining and mass excavation.

Volvo's full force of excavators will be front centre in the booth, including the new EC300E hybrid excavator, now available in North America, featuring straightforward and industry-first hydraulic hybrid Volvo technology.

In road machinery, Volvo will debut the 8 ft. class P5110B tracked and P5170B wheeled pavers, which benefit from simple controls and proven technology.

ConExpo 2020 is also where Volvo will reveal two new concept models that herald where the company is taking connected, electric, and autonomous machines.

An extensive display of over 30 attachments, from buckets to couplers to forks and breakers, will be fitted on equipment across the Volvo booth, showcasing versatility and performance.

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# New Equipment & Advanced Technologies from Caterpillar

Paying tribute to those building the world's infrastructure, the Caterpillar CONEXPO-CON/AGG 2020 experience includes a mix of static displays, equipment demonstration area, and new services/technologies under the theme of "Your Work Matters."

The 60,000 ft<sup>2</sup> (5574 m<sup>2</sup>) exhibit in the show's new outdoor Festival Grounds includes Operator's Stadium, where the finals of the Global Operator Challenge and equipment demonstrations take place.

Caterpillar is investing in technology and safety features showcased in more than 30 Cat machines on display, including 9 new product introductions from the dozer, excavator, articulated truck and backhoe loader families.

Successor to the Cat D5K2, the new Cat D3 dozer continues to set the standard for small dozer grading accuracy and efficiency. The operator cab delivers greater visibility, while enhanced controls deliver easier, intuitive finish grading. Powertrain advancements improve fuel efficiency by up to 10% over previous models.

The new center-pivot 420XE backhoe loader now offers seat mounted controls for low-effort machine control to boost operator efficiency and reduce fatigue. Dual Mode operation



increases machine productivity, while electronic loader controls offer true parallel lift. A new IT quick coupler delivers quick change-out of a large portfolio of Cat attachments.

Inside the demo arena, the new 150 AWD motor grader features all-wheel drive that assists with traction and manoeuvring, allowing the machine to work in any environment. Eco mode delivers up to 10% greater fuel efficiency without productivity loss, and owning and operating costs are reduced via new filters and longer service intervals. The new mastless 3D Cat GRADE control system unleashes the potential of the moldboard to give it full range of motion. The GNSS receivers are bolted to the machine, which increases uptime and reduces costs associated with potential

receiver, mast or machine damage when using the dual 3D GNSS system. The integrated 3D Cat GRADE will initially be available on the 140,150 and 160 joystick motor graders.

Contractors will also be able to experience the new 725 articulated truck offerings. New cab features include assisted hoist, Automatic Retarder Control and Advanced Automatic Traction Control, which improve operator experience and reduce operator actions. Performance improvements include up to 9% increased speed on grades, 8% improved acceleration and a 7% productivity increase.

In addition, Caterpillar will introduce five new wheeled, small, medium and large hydraulic excavator models at CONEXPO-CON/AGG 2020.

Show visitors will also be the first to see Caterpillar's latest remote control offering, an enhanced operating station with expanded capability to operate multiple pieces of equipment, equipped with the Command Vision System, from a single remote station.

The Cat Command remote control system also offers a portable console, designed for line-of-sight use, which will also be showcased in the exhibit. Wireless connectivity enables machine operation from a safe location, whether nearby or far away. Cat Command remote control solutions also enable customers to increase productivity and maximise uptime.

## Global Operator Challenge

Meanwhile, the finals for the Global Operator Challenge, the largest global campaign in Caterpillar history, will take place at Operator's Stadium inside Caterpillar outdoor exhibit #F4455. Nine Regional Champions remain standing from over 10,000 operators participating in local challenges throughout 30 countries.

The champions will compete on Tuesday morning, March 10, 2020, immediately following the CONEXPO-CON/AGG's grand opening. Caterpillar will show a live broadcast of the competition on cat.com.

After completion of the skills challenges, the winners will be announced and awards will be presented for the lowest time for each individual challenge, best team performance, and announcing the Global Operator Challenge Champion based on overall performance.

## CDE to launch latest Combo innovation

**CDE is set to revolutionise the wet processing industry once more with the launch of the latest in its range of Combo all-in-one wet processing solutions at CONEXPO-CON/AGG in March.**

The patented Combo – the world's first all-in-one wet processing plant – was unveiled in Europe at bauma in April 2019. It was the first fully integrated, modular, patented turnkey materials wet processing and water management solution for the production of premium manufactured sands.

The latest model in the Combo range will have a number of soon-to-be-revealed

enhanced features that have been specifically designed to enable operators in the Americas to capitalise on new opportunities.

David Kinloch, Regional Manager for CDE UK & Ireland, said: "At CDE, we are proud to deliver optimised operations for maximum yields and fast returns for our clients. Our high-performance solutions maximise resources and add huge commercial value to our customers' enterprises, with the innovative Combo™ having led the way in a new era of wet processing.

"We are looking forward to launching the latest Combo model at CONEXPO-CON/AGG, directly to the very market that

inspired it. This next generation plant will deliver significant commercial benefits while minimising operational costs."

CDE's pioneering wet processing technologies enable greater production efficiency, increasing yield to maximise profit per tonne, delivering a rapid return on investment.

Unrivalled fines separation and greater sand dewatering ensures sand and aggregates producers maximise yields with less than 15% moisture content creating a steady stream of revenue straight off the belts to command the highest possible market price.

# Unique JCB Digital System Promotes and Protects Uptime

**JCB is forging ahead with a massive expansion in digital technology to support global customers – including a unique system which predicts and prevents downtime.**

JCB Uptime Centres – which track all JCB machines fitted with its LiveLink machine monitoring system – are opening around the world with the latest beginning operations in Singapore to support the South East Asia

region. It joins high-tech hubs at JCB World Headquarters in Rocester, Pune in India, and Santa Monica and Savannah in the United States as well as ten dealer-based centres.

Launched in 2010 the Uptime Centres bring together JCB's dedicated parts and technical specialists to ensure machines work at their most profitable level – keeping downtime to a minimum.

They collate real-time data through LiveLink to track the condition and availability of customers' machines around the world, then use the information to identify potential issues which can be dealt with through dealer network service specialists.

Among the innovations being deployed are JCB Uptime Dashboards which are home to JCB's new and unique Machine Health Monitoring System.

The system uses predictive algorithms and data transmitted via LiveLink to identify at-risk machines, and enables specialists to make recommendations on preventative maintenance that may reduce unforeseen downtime.

The introduction of Certified Dealer Uptime Centres around the world also brings the power of JCB technology to local dealerships and enhances the service support they offer to customers globally.

JCB Group Managing Director Parts and Service Ian Sayers said: "Since the launch of our first Uptime Centre in 2010, we have seen a transformation in the time it takes to close technical cases. The centres enable us to work proactively in predicting potential issues and suggesting preventative maintenance steps to minimise unplanned downtime. "Our investment in Uptime Centres and Certified Dealer Uptime Centres across the globe reiterates JCB's commitment to provide the industry's finest customer support and through innovation ensure JCB machines are the hardest workers on site."



# Quarter of a million raised at Lighthouse Construction Industry's Charity lunch

**Once again it was a capacity crowd at the Westminster Park Plaza Hotel in London recently on what turned out to be a record-breaking event for the Lighthouse Construction Industry's Charity. A monumental quarter of a million pounds was raised through table sales, live and silent auctions, heads and tails, a raffle and event sponsorship.**

All of money will directly benefit construction families in crisis and help the charity to provide even more support to the construction industry, including mental health training, development of their helpline app and an increased portfolio of charitable services available through their 24/7 construction industry helpline.

Each year, the Charity awards the 'Peter Capel' Cup to recognise organisations

that have made a substantial contribution to the Charity's work and this year the highly coveted award was presented to two companies: Canary Wharf Contractors Fund and Heathrow Airport.

Money donated by the Canary Wharf Contractors Fund was used to deliver construction focussed mental health first aid training to SME's across the UK whilst Heathrow Airport and their supply chain, (Team Heathrow) donated funds from their hard hat recycling scheme, a dragon boat day and a hugely successful rugby day.

Lynn Way, President of the NASC (National Access and Scaffolding Confederation) and Peter Capel Cup nominees, also presented the Charity with a cheque for £25,000 which was raised by members

at the annual NASC awards event that was held a few weeks earlier.

Bill Hill, CEO of the Lighthouse Construction Industry Charity, said, "This has been a great day. We just can't believe how hugely generous everyone has been because every year, our expectations are surpassed. This means that we can reach out to more construction families in crisis and continue to provide even more support at the 'front end' so that we can achieve our mission of ensuring that no worker should feel alone in a crisis.

"The money raised will go towards continuing our vital helpline services and developing our Building Mental Health programme so that we can continue to support our construction families in need and make a real difference to people who have nowhere else to turn."



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# HOLTON EXCAVATIONS FIND **SANY SY135C** A JOY TO OPERATE

Vincent Holton's first encounter with a SANY excavator was while working down under in Australia – and he's continued that relationship with the brand on his return home to Ireland.

Now operating under the name of Holton Excavations, Vincent is based at Enfield in County Meath where he has built up a successful and growing business offering a range of services – from drainage works to demolition and site clearance.

On learning that Newtownabbey headquartered Sleator Plant had taken on the SANY distributorship last autumn to supply the whole of the island of Ireland with the Chinese manufactured tracked excavators, which range from 1.6 tonne up to 50 tonne, he had no hesitation in making contact.

As the fifth largest manufacturer of heavy machinery in the world, SANY's reputation in Australia and in other countries is well established. Over the last number of years it has also been growing in the UK, and more so in Ireland since Sleator Plant started vigorously promoting the product.

"I am very familiar with the SANY brand, having operated a 20 tonne and a 15 tonne machine while in Australia and I couldn't find fault with them," says Vincent.

"The SY135C is a well built, quality machine with a powerful performance to match – and it is easy on the diesel," he adds. "It has an excellent cab that is spacious and comfortable, with all the controls sensibly positioned for ease of use.



"It is a joy to operate; I could be working in it all day long and I wouldn't be tired when it comes to quitting time."

Vincent does admit that he did shop around and considered a number of other brands, but he explains: "I was always drawn back to the SANY – and not just because it is good value for money, but because I like the quality of the machine."

He has been operating the 14.9 tonne SY135C with its standard reinforced bucket since November without any problems, but has plans to introduce a

selection of other attachments such as hedge cutters in the months ahead.

"With responsive and intuitive controls, positive flow hydraulics, incredible fuel efficiency and a reliable powertrain, the SY135C is the excavator to take on your toughest jobs."

Taking a closer look at the SY135C, the cab features all round toughened glass windows giving superior visibility for the driver and is fully enclosed with a powerful AC and heating system, with quick temperature control, for comfortable operation in hot or cold weather. There's also a radio, plenty of room for documents and a handy cupholder.

## Powerful Engine

The machine features smooth Kawasaki hydraulics, as well as a four cylinder, four-stroke direct injection Isuzu engine, which provides strong operating power. The engine is designed with four working modes. The working mode can be changed on the monitor, which can maximise the operating efficiency and reduce the fuel consumption.

With a dual-pump, dual-circuit constant power control system, the engine can provide a strong operating force; optimised operation performance of the engine reduces power loss.

With optimised design, the boom and the arm can provide a considerable working range



and depth on ditching, excavating and other common construction situations.

The track links have additional reinforced ribs to increase their strength, which can absorb the shock when the machine travels on rough surface. The tension adjusting device is more reliable due to the adoption of a serially-arranged system that introduces a grease-in tensioning cylinder and a damper spring.

The primary and secondary fuel filters and water separator are used to improve fuel quality, reduce the early wear of injection pump and nozzle and extend the service life of an engine. Opening the access door, you can replace them quickly on the ground.

There is a host of standard safety features, too, including fire extinguisher, travel alarm and beacon, overload warning for lifting, safety valves and engine emergency cut off.

"Like I said, I cannot fault this machine in any

way, and nor can I fault the level of after sales service and support provided by the team at Sleator Plant; it's the first time I have dealt with them and they haven't disappointed," says Vincent.

#### FACT FILE

- Operating Weight: 14,870 kg
- Engine Power: 77/2000 kW/rpm
- Bucket Capacity: 0.56m<sup>3</sup>
- 3 year power-train warranty
- 5 year / 10,000 hours boom, chassis & dipper warranty
- Isuzu Engine
- Kawasaki hydraulics
- Comfort cab



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## First Range T High 6x2 Flagship For RAS Haulage

**County Down-based RAS Haulage has put a new Renault Trucks Range T520 High 6x2 tractor unit into service on its cement bulk tanker and aggregate tipper operation working across Northern Ireland's quarries.**

Supplied by local dealer, Diamond Trucks, this latest addition is the first T High to join the exclusively Renault Trucks fleet of eleven tractor units.

For family-run RAS Haulage, the proud and professional image of the new flagship T520 High was a key factor in the company's purchase decision, according to brothers Paul and Stuart Spence.

Paul says: "The T High is the whole package, it's great to drive, very comfortable and it looks really impressive out on the road."

Image is a priority, with the company's striking blue and white livery complemented with Kelsa top and bottom lightbars, rear Kelsa A Frame bar, windkit perimeter strips, LED spotlights, twin roof-mounted air horns, colour-matched cab components including fixed roof and side deflectors and Alcoa Dura-Bright aluminium wheels. Inside, the T520 High's cab is equipped for driver comfort, with Ultimate Bronze Finish, and 40 litre quiet fridge.

The T520 High with pusher axle is powered by Renault Trucks top of the range DTi 13 litre Euro-6 engine, which produces 512hp and 2550 Nm of torque. Behind this is a 12 speed Optidriver automated transmission system. Further transmission options include a Renault Trucks factory-fitted power-take-off and a rear drive axle ratio of 2.85. The T520 High is on front air suspension for stability, improved ride and comfort when operating in often challenging terrain.

RAS Haulage has also specified Adaptive Cruise Control and emergency braking system, as well as a load per axle indicator.

A loyal Renault Trucks customer for over thirty years, RAS Haulage opted for a five year Renault Trucks Start & Drive hire purchase contract with maintenance carried out by Diamond Trucks.

Commenting on the quality of support they receive from the local dealer, Paul says: "Our fleet is 100% Renault Trucks now, thanks to the service we receive from Diamond Trucks. We know all the people there very well, and it's their personal service that sets them apart."

For RAS Haulage, residual values are also important, and Paul expects the T520 High to hold onto its value: "We spec'd the vehicle carefully at point of order, selecting top

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contact your dealer for more details.

# IRELAND'S FIRST HYUNDAI 90-TONNE HX900L EXCAVATOR DIGS DEEP

Having run Hyundai excavators since 2005, County Offaly plant and dredging contractors, Mill Road Plant Ltd, are clearly loyal fans of the brand.

This was underscored when the company, run by Donal Walsh and his son Mark, took delivery of the first Hyundai HX900L excavator to enter service in Ireland, from long serving dealer Whelan Plant Sales, based in Co. Clare. We have been getting the 'view from the cab.'

Joining a large-scale fleet dominated by Hyundai machines, which work collectively on gravel recovery, production, loading and pit development, the new HX900L is tasked with the responsible role of recovering gravel from lagoons at this intensive operation located at Derryarkin close to Rochfordbridge, Co. Westmeath.

The 90-tonne machine is at the core of gravel production – therefore reliability and consistency of output are obvious prerequisites to the application - which accounts for the level of investment made in the new unit. Since the machine is destined to serve this working role over the longer term, the demands of the application have inspired its specification and

accounts for the unique combination of reach and bucket capacity it presents.

Taking over the role from another machine in the same size class, Donal Walsh's experience of Hyundai suggested the HX900L was a very desirable successor. "I travelled to see a HX900L working in the U.K. and even though it was in a much different application to ours, I immediately knew it was the right machine for the job. I agreed the specification with George Whelan, and he put an attractive deal together without delay."

#### Smooth Operator

He adds: "The digging power with the HX900L is excellent and it's a really smooth machine to operate. To get the most out of a machine like this with the kind of reach it offers, stability is very important, and I see it as being first class since it's so well balanced over the whole working range."

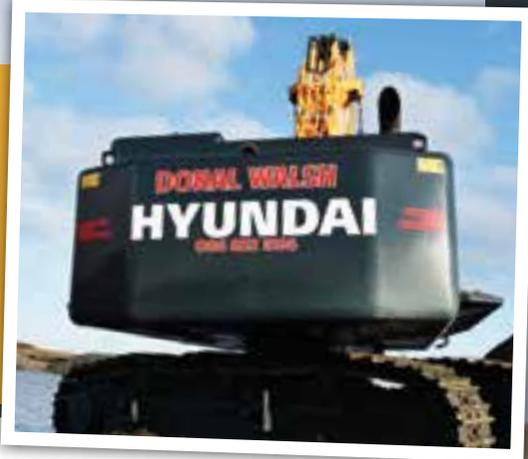
Achieving this balance of digging power, stability, reach and bucket capacity may seem beyond the realms of possibility without making compromises in some respect

but has been achieved by close cooperation between Donal Walsh and Whelan Plant Sales coupled with the range of options presented by Hyundai to best tailor the machine to a specialist application such as this.

Incorporating the longest possible boom specification, without moving up to a specialist long reach boom configuration, the machine has been delivered with an 8.2 metre mono boom and 4.4 metre dipper arm. When allied to a directly mounted bespoke bucket produced by Tighe Engineering, with cooperation from



**THE NEW HX900L IS TASKED WITH THE RESPONSIBLE ROLE OF RECOVERING GRAVEL FROM LAGOONS AT THIS INTENSIVE OPERATION LOCATED AT DERRYARKIN CLOSE TO ROCHFORDBRIDGE, CO. WESTMEATH.**



Donal Walsh and Whelan Plant Sales, the machine offers a maximum digging depth of 9.6 metres while yielding maximum reach at ground level of 14.43 metres.

With the bucket boasting a capacity of close to six cubic metres through the greater capacity afforded by its wing shields, achieving favourable stability has been aided by the fitment of the optional heavier counterweight which weighs in at 16.5 tonnes while the long undercarriage running on 700 mm wide double grouser track shoes affords an operating width of 4.2 metres.

This level of working capacity places particular importance on the build quality of the machine which has been singled out for particular merit by Donal. "The build quality looks very impressive on the new HX900L and from every point of view it just shows pure strength and quality."

**Impressive Power**

In addition to this level of reassuringly strong structural formation, the machine also offers impressive power in relation to its size and outclasses many competitors' machines in the same weight classification.

Despite the impressively high power rating of 478 kW provided by the Scania V8 engine at the heart of the machine, initial findings on fuel economy are positive as Donal says, "For a machine in this size class, the fuel consumption is already quite low and without even been run in just yet is using four hundred litres per day."

Offering a high level of operating comfort, with smooth and responsive controls, and an intuitive and user friendly control system, the machine presents many positives, and comments Donal, "Based on the speed of its boom and slewing movements, it's hard to believe it's a ninety tonne excavator. This was already noticeable on the HX480L, but I am surprised at how fast the HX900L

actually is, since machines of this size are usually more about capacity than speed, but this has both with first rate comfort and smooth controls."

**Dealer Support**

Adds Donal: "The service and support we get from Whelan Plant Sales is second to none. We enjoy a great working relationship with them and know we can always depend on them if we ever have any issues."

Whelan Plant Sales Ltd., who specialise in the supply and service of new and used mobile plant and equipment, act as sole Importer and Distributor for Republic of Ireland for the full range of Hyundai Construction Equipment since 1994.

George Whelan Snr established Whelan Plant Sales in 1979 and comments George: "We are celebrating 25 years with Hyundai which is a massive achievement for us. Hyundai recently presented us with an award for this milestone. We have built a strong presence of the Hyundai brand in Ireland and we are very proud of this."



The mighty 90-tonne HX900L in action.



Donal and Mark Walsh are delighted with their new HX900L. (Photo: Courtesy of Eoghan Daly)

# CASE Construction Equipment wins 2019 Good Design Award

**CASE Construction Equipment has received the prestigious Good Design Award for ProjectTETRA, the methane-powered wheel loader concept that provides an insight into a sustainable, connected and technologically advanced future of construction.**

The Good Design programme is the oldest design awards programme, organised by The Chicago Athenaeum: Museum of Architecture and Design in cooperation with The European Centre for Architecture Art Design and Urban Studies, and recognises the best designed products across the globe for sustainability, superior design and unparalleled function.

The jury of the 69th Good Design program, composed of renowned international specialists with broad design experience, selected this year's winners following the original program's criteria, which include the innovation, functional and ecological impact of each winning product.

The CASE wheel loader concept, jointly developed by the CASE engineering and CNH Industrial international design teams, re-imagines wheel loader design. It demonstrates the viability of alternative fuels in construction equipment and the



feasibility of using fuel generated from waste products and renewable sources.

It is powered by a proven methane engine, produced by CASE's sister brand FPT Industrial, that delivers the same performance as its diesel equivalent.

The innovative design includes cutting-edge styling and an advanced operator environment that makes extensive use of touchscreen and voice control technologies.

The concept also offers innovative safety features that use biometric technologies and an obstacle detection system derived from CNH Industrial's autonomous vehicle research and development programme.

ProjectTETRA has been tested in real-world construction environments, demonstrating its feasibility and proving its business case in terms of sustainability, reduced overall Total Cost of Ownership and operational viability.

## New Infrastructure Minister to focus on creating a sustainable infrastructure

**New Minister for Infrastructure Nichola Mallon will focus on creating sustainable infrastructure for future generations.**

Speaking after the restoration of the Stormont Executive, Minister Mallon said she was delighted to be taking on the infrastructure portfolio. "Having a modern and sustainable water, drainage and transport infrastructure is essential if we are to grow our economy and improve the lives of everyone," she said. "While I understand there are challenges ahead, not least given underinvestment

in recent years, I am looking forward to developing new proposals to address regional imbalance and support a thriving region where people want to live, work and invest.

"I am also committed to working to deliver the infrastructure needed to improve connectivity, grow the all island economy and play our part in tackling the climate emergency.

"Over the next weeks and months I am particularly looking forward to meeting many of the 3,000 staff who work in my department on the front line, delivering services that have such a great impact

on so many of us every day, whether that's resurfacing and salting our roads, cleaning gullies or ensuring our vehicle is safe and roadworthy.

"I am also looking forward to working collaboratively with our stakeholders and partners, whose input, ideas and perspectives I will want to encourage. I am determined that the department will adopt a collaborative approach, based on building genuine partnerships, as we work together to deliver a sustainable infrastructure that supports the region's economic wellbeing and indeed improved wellbeing for all."



**Nichola Mallon, New Minister for Infrastructure.**



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# LATEST GENERATION HIDROMEK 390LC IS A FIRST FOR DOWLING QUARRIES



The first quarry spec'd new generation H4 series Hidromek crawler excavator to be delivered in Ireland is currently earning its keep at Dowling Quarries' Grannafallow quarry near Abbeyleix in County Laois, as Plant & Civil Engineer's David Stokes reports.

The new eye-catching heavy duty 42 tonne Hidromek 390LCHD was supplied by machinery importers and distributors Kelly's of Borris in County Carlow who are sole agents for the Hidromek brand in the Republic.

Featuring an Isuzu engine, Kawasaki hydraulic pumps, Nabtesco Japanese slew motor and final drives, all top-quality components, the Hidromek 390LCHD has thoroughly impressed the quarry's Humphrey Dowling.

The new excavator, the very first Hidromek in the Dowling Quarries fleet, is being used to feed a crusher in a gravel pit at Grannafallow before being transferred to a rock quarry in Lisduff operated by the family owned and run company which supplies aggregates and ready-mix concrete to a broad customer base that includes building trade, civil engineering companies, government bodies, farmers and the public.

"I first saw the excavator in action at the last Bauma Show, even before I learned that Kelly's were to take on the Hidromek dealership," says Humphrey. "I had a very good look at the machine and was very



impressed with the build quality. Eight months later Billy Murphy from Kelly's arrived in my office and placed a Hidromek brochure on my desk and that was it: the deal was done, and I haven't looked back - it is performing fantastically well for us."

This stunning looking Hidromek 390LCHD is certainly a big step up in comparison to the earlier 370LC model in the Hidromek range, featuring as it does much smoother and sharper lines and a brand new upgraded, restyled cab that offers an excellent working environment for the operator.

This latest generation model also benefits from a relocated switchboard, remodelled travel pedals and levers, high capacity air-conditioning and high-resolution LED backlight colour LCD display.

Other features enhancing the operator's comfort is the new versatile and fully adjustable seat designed to enable him to work without stress and fatigue for longer hours. The joystick console and seat can move independently so the operator can easily adjust it to the most suitable position for his body structure.

Adds Humphrey: "The operator loves the machine, which has a very comfortable cab, with well laid out controls and good all-round visibility, aided by the addition of two on board cameras. We also had extra lights fitted."

The cab is supported by 6 silicon viscose mounts that dampen the effects of noise, shock and vibrations regardless of working conditions of the machine. There's plenty of storage space, too, for the operator's bits and pieces, including a cooled storage room, glass holder and a variety of storage pockets.

### Opera Control System

This new 390LCHD is fitted with Hidromek's Opera Control System, an easy to use interface that facilitates communication between the operator and the machine. The operator can easily switch between menus in Opera, change settings, such as hydraulic flow, and check the status of the machine, including pressure, temperature and engine load.

The information and warnings on the instrument panel are always easy



to see and control, thanks to the positioning of the Opera interface.

Other features of the system include automatic powerboost switch-on switch-off, automatic electric power-off and automatic powershift to improve performance.

The excavator, which has also been kitted out with a Miller Groundbreaking bucket and coupler, is proving not only to be a powerful performer, but is also extremely economical to run, being driven by the latest fuel efficient Isuzu-AQ-6HK1X, water-cooled, six cylinder electronic diesel

engine, producing net 282hp@1900rpm, with maximum net torque of 1043Nm@1500 rpm, and complying with Tier 4 final and EU stage IV emission regulations.

"It is actually using half the amount of diesel compared to a previous machine we used on the job," says Humphrey.

### Dealer Support

Dealer support that is reliable and efficient is also an important factor, and Kelly's of Borris doesn't disappoint.

"To date, the service they have provided cannot be faulted. Since we acquired the machine, we have had several follow up visits; they seem

genuinely interested in how it is performing for us, and we have no complaints or regrets," comments Humphrey.

So, would he invest in another Hidromek? "Most certainly; in fact, we are currently in the process of planning to add a bigger 50 tonne Hidromek 490LCHD excavator to our fleet."



**FEATURING AN ISUZU ENGINE, KAWASAKI HYDRAULIC PUMPS, NABTESCO JAPANESE SLEW MOTOR AND FINAL DRIVES, ALL TOP-QUALITY COMPONENTS, THE HIDROMEK 390LCHD HAS THOROUGHLY IMPRESSED THE QUARRY'S HUMPHREY DOWLING**

# Rototilt launches QuickChange fully automatic quick coupler system

Rototilt QuickChange is a fully automatic quick coupler system for tiltrotators, machine couplers and tools that provides significantly higher performance, safety and equipment longevity than existing market solutions. It is a further development of Rototilt's successful technology for tiltrotator quick couplers.

"By taking over product development for the entire system, we can push the technology forward in a completely newer way than before, which has led to several patent applications," says Sven-Roger Ekström, product manager at Rototilt. "QuickChange is our largest-ever development project and opens completely new opportunities for excavator operators and our partners, as well as for our own operations. We're doing this as a result of major demand from our customers who want to see a comprehensive solution from us in which we take full product responsibility."

This is also an aggressive investment in safety since Rototilt's award-winning SecureLock solution comes as standard with QuickChange.



"The fully automatic quick coupler system brings a huge increase in efficiency, as excavator operators never have to leave the cab to switch between different hydraulic tools," says Sven-Roger Ekström. "At the same time, safety is significantly increased since no one needs to enter the risk zone around the machine during tool changes, and there are no concerns relating to dropped or uncontrolled movement of tools."

The entirely new design allows for impressive hydraulic flows – up to 50% higher than competing solutions.

"This is the advantage of building from scratch," says Niklas Bjuhr, vice president for R&D at Rototilt. "We've haven't been

satisfied in just trying to improve parts of an old solution. We've chosen a completely uncompromising path forward."

"Efficiency and safety must go hand in hand. Rototilt QuickChange™ ensures that machine operators now get both, no matter what they're working with and no matter how their excavators are equipped, says Sven-Roger Ekström.

Another ground-breaking innovation is the longevity of the product. Extensive testing show that the hydraulics on Rototilt QuickChange offer significantly longer service life than the previous top solutions on the market.

"I had to both double and triple check the numbers, it almost felt too good to be true," says Per Våppling, Vice President for Marketing & Sales at Rototilt. "But here our development department has once again exceeded their own high standards, and that's one of the reasons why leading machine manufacturers are showing major interest in our fully automatic quick coupler systems."

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# KOBELCO SK230SRLC EXCAVATOR: A SOLID AND SOUND INVESTMENT FOR DEANE PUBLIC WORKS

**Winning major recent high profile contracts involving working on restricted sites with limited room to manoeuvre prompted Deane Public Works Plant Manager, Stephen Deane to take a closer look at Kobelco's compact yet powerful SK230SRLC excavator – and he liked what he saw, as Plant and Civil Engineer's David Stokes reports.**

The County Fermanagh headquartered company, founded in 1967 by George and Liz Deane, already runs an extensive fleet of plant and machinery that includes JCB and Case excavators as well as Hitachi and Liebherr machines, but this is the company's very first Kobelco and says Stephen, who joined the award winning family business in 1989, "we've been very impressed by its handling and performance; it's fantastic."

Deane Public Works Ltd was formed initially to service the plant hire sector of the construction market. From these small beginnings, the company has evolved into a multi-disciplined business carrying out a diverse range of civil

engineering contracts from roads, water & sewage treatment works and bridges to public utilities, demolition and marine contracts. Over the years it has successfully delivered many high-profile projects across the country for private and public sector clients.

"With a pressing need to add a compact excavator to our busy fleet, we travelled down to McSharry Brothers in Roscommon to see what they had to offer," says Stephen. "We were pleasantly surprised and relieved to see that they had exactly what we were looking for - in fact, they had two Kobelco's sitting in their yard!

"I had been reading up on different makes and designs for several months and spoke to a number of operators who were already running Kobelco machines; they had only good things to say, so my decision was made easy.

"The big attraction is the Kobelco's zero tail swing, which makes it ideal for working on tight sites, and although it is a compact excavator, it packs plenty of power."

To add to the versatility of the Kobelco, it has been fitted with a Rototilt R6 tiltrotator and gripper, supplied by all-Ireland dealer Cullion Plant Services, based in County Tyrone.

"I had been considering investing in the Tiltrotator for some time, but my main concern was about back-up and support, until I realised Cullion Plant Services were so close to us!" says Stephen. "It took a while to get used to the controls, but it is now second nature, and together with the Kobelco, it is a brilliant piece of kit which also adds to the safe operation of the machine."

## Challenging Contracts

Since acquiring the Kobelco, the company has successfully used it on a major contract to upgrade the 50 year-old Donemana WWTW for NI Water. It was an extremely restricted



**THE CAB ON THE  
KOBELCO OFFERS  
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WHILE WORKING  
IN SUCH CONFINED  
SITES, AND IT IS ALSO  
VERY QUIET, MAKING  
FOR A COMFORTABLE  
WORKING ENVIRONMENT  
FOR THE OPERATOR.**



site, as our accompany photograph illustrates, so the Kobelco's compactness was well appreciated! Currently, it is employed on another challenging project to replace an old wooden quay on the banks of the River Lagan in the centre of Belfast with a more sturdy concrete structure. "The Kobelco, with its zero tailswing, is also ideally suited to this particular site," says Stephen.

"The cab on the Kobelco offers excellent all-round visibility, essential while working in such confined sites, and it is also very quiet, making for a comfortable working environment for the operator."

Indeed, the compact design allows continuous 180° dig, swing, and load operations within a working space of just 4.06m, while the cube design of the cab makes the most of straight lines,



so the interior in this new machine is 4% more spacious than before. Operating space literally spreads out before the operator. Wide doors and ample head clearance also make it easy for the operator to smoothly enter or exit.

On the right side, the large single window has no centre pillar, and the whole cab is designed for a wide field of view, giving the operator a direct view ahead and to the left and right. The view from the cab is further enhanced by the provision of a rear-view camera and another for the right side.

The cab interior offers a host of operator comforts. The seat guarantees comfort whether on the job or at rest, and everything is ergonomically planned and laid out for smooth, stress-free operation. Also standard is an automatic air conditioner that maintains a comfortable interior environment all year around – and Bluetooth is also installed to allow connections with smartphones and other devices.

**Fuel Efficient**

Kobelco's ECO-mode maximises the operating efficiency of the 124kW Hino J5E-TJ direct injection, water-cooled, four-cycle diesel engine with turbocharger and intercooler – and together with other components,

achieves much greater fuel efficiency. Just press a button to choose the operation mode best suited to the task at hand and the working conditions.

Other features – and there are many – include Auto Idle Stop. If the boarding/diseimbarking lever is left up, the engine will stop automatically. This eliminates wasteful idling during standby, saving fuel and reducing CO2 emissions as well.

**Dealer Support**

Working within budget and time constraints on behalf of its clients means that keeping unnecessary downtime to a minimum is vital to Deane Public Works, so the company places a lot of importance on dealer support and services.

"We've never dealt with McSharry Bros before, but we have every confidence they will look after our needs very well. Since investing in the Kobelco, they've been here twice to carry out routine servicing on the machine which has been performing faultlessly," says Stephen.

So, would he buy another Kobelco? "Without doubt, we would seriously consider adding another Kobelco to the fleet when the time comes. The SK230SRLC has been a really sound and solid investment."



# Flood Alleviation Scheme for Ballymena gets Underway



(L-R) Stephen Wilson of McAdam Design, Mayor of Mid and East Antrim Council Councillor Maureen Morrow, NI Water's David McClean and Paul McSparran of BSG Civil Engineering.

**A £2 million Flood Alleviation Scheme for the Toome Road/Wakehurst Road area of Ballymena is now underway; the scheme is expected to take 18 months to complete.**

BSG is the main contractor for this major programme of work with McAdam Design providing Project Management and technical support.

This project will help resolve historical internal and external 'out of sewer' flooding issues, and when complete will increase the capacity of the existing sewerage system.

David McClean NI Water Project Manager said: "The project involves the upgrade of existing sewers, as well as the installation of new sewers on Wakehurst Park, Wakehurst Road, Queen Street and Toome Road. Construction of a large storage tank is also underway on land adjacent to the council playing fields at Wakehurst Road."

The Mayor of Mid and East Antrim Council Councillor Maureen Morrow added: "The Council welcomes this major investment for Ballymena, which will greatly improve services for NI Water customers in the local area. I was impressed to see great construction progress at the storage tank, which will help protect the local sewerage infrastructure and reduce the risk of future flooding."

## Miller UK Donate £5,000 to Charity

**It's been less than a year since Sarah and Christopher Cookson tragically lost their son Carter who was born prematurely on Boxing Day, 2018. Within the first hours of his life the beloved baby suffered three cardiac arrests and consequently needed a heart transplant to survive. Tragically, Carter was just over three weeks old when he lost his fight on the 19th January, 2019.**

Sarah and Christopher Cookson from South Shields also lost

their first son Charlie Cookson aged only two due to a mystery progressive disease and now, in their honour they run The Charlie & Carter Foundation in the memory of their two children who were so cruelly taken from them.

After hearing of the pain and heartache that this local couple had gone through, Miller UK pledged to support this local charity during 2019 and have spent the past 12 months organising fundraising days.

The staff at Miller have been determined to raise as much money as possible for The Charlie & Carter Foundation and for every pound that they have managed to raise, the Chairman Keith Miller agreed to match it with a company donation.

Through fundraising events and challenges, Miller UK raised a remarkable £3,000; however, after Keith met Christopher and heard in person about how much impact the donation would make, Keith generously increased the donation to a

whopping £5,000! The team from The Charlie & Carter Foundation were presented with the cheque during their visit to Miller HQ in Cramlington, Northumberland.

"We are lucky to have a successful business around the world, and I have achieved this by living my life by three simple mantras, work hard, play hard and if you can, give something back... the giving something back is hugely rewarding," said Keith.

## CIF Members to Support Dublin Simon Initiative to provide 50 homes

**The Construction Industry Federation is joining forces with Dublin Simon Community to support 50 individuals and families out of unstable emergency accommodation and into more permanent, safe homes.**

The concept of the CIF/Dublin Simon Community collaboration is simple: CIF members will endeavour to raise funds, amounting to €20,000, throughout the next year. Each donation of €20,000 will be used by Dublin Simon Community as a deposit on a home for an individual or a family.

The aim is to generate 50 x €20,000 deposits to support Dublin Simon Community in acquiring 50 homes for individuals and families experiencing homelessness.

Using a combination of donor funds, private finance and government grants, Dublin Simon Community will leverage financing in tandem with each donation of €20K (equal to approx. 10-15% of one unit's total value) to sustainably acquire one unit of accommodation for an individual, couple or family.

Eaton is the first CIF member to do this, having already awarded Dublin Simon Community with a grant of €20,000,

and the hope is that other members will follow suit throughout 2020.

Shane Dempsey, Communications Director, Construction Industry Federation (CIF) said: "Homelessness is a huge challenge for Ireland, for our industry and all industries. Anywhere that we can make a difference, we want to be involved. We are delighted that Eaton is the first CIF member company to get the ball rolling and secure a deposit for a home for people experiencing homelessness. We are launching this initiative so that other member companies can continue on this great work throughout 2020."

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# CASE CX145DSR: AN INCREDIBLE, VERSATILE & COMPACT WORKHORSE SAYS MULHOLLAND PLANT HIRE

Brendan Mulholland bought his first Case excavator almost four years ago, after switching from a previous brand, and he hasn't looked back since. Having operated with two Case CX130Ds, Mulholland Plant Hire has now invested in a Case CX145D short radius from dealers Cowan Brothers; Plant & Civil Engineer's David Stokes has been getting Brendan's view from the cab.

Toomebridge based Mulholland Plant Hire has been operating since 2005, providing groundwork and other contracting services for house builders, road contractors and farmers. The new excavator is currently working on a shop extension in Ballymena's busy town centre.

"I couldn't be more delighted with the CX145D," says Brendan. "It is certainly a step up from the CX130D. The compact short radius model is ideal for working on sites with limited space as I have been finding out.

"In the past, we operated with a different brand, but made the switch to Case in 2016, and I have absolutely no regrets – and neither has my brother James who also opted for Case; in fact, he, too, has just invested in a new Case, a smaller CX37C excavator and is delighted with the all round performance and comfort of the machine. He already has two other Case mini excavators – so you could say, yes, we are big fans."

Adds Brendan: "Despite being short and compact, the CX145D is an incredibly stable machine, with great digging force and, of course, it is easy to manoeuvre in confined working areas with its zero tail swing; it is perfect for my business."

## Ample Space

However, he did admit that he was initially concerned about the amount of storage space there would be available in what he says is a slightly smaller cab than the CX130D, but he quickly discovered it was not an issue. In fact, Case has cleverly utilised all available space in the cab which features a storage compartment and storage tray, as well as a Bluetooth tuner and radio, a handy clipboard holder, mobile phone holder, warm and cool box – leaving lots of legroom for the operator. With a large multi-function colour LED monitor and fully adjustable workstation, all



the controls are well positioned and easy to reach from the comfort of the ergonomically designed high-back air suspension seat and, says Brendan, visibility on site is greatly enhanced by the presence of rear and side view cameras which complement the cab's internal and external view mirrors; there are also working lights on the boom and upper structure and on the top of the cab, while the cab's soundproof cushioning system lowers noise and vibration levels to provide even better comfort for the operator.

## Fuel Efficient

Powered by an Isuzu 4-cylinder turbo-charged diesel engine, it is also a fuel-efficient machine, thanks to an advanced energy management system that features 5 Energy Saving controls. Torque Control decreases main pump loads to prevent a drop in engine rpm while the Boom Economy Control further increases fuel efficiency during boom lower and swing operations, such as dump unloading. Then there's the Swing Relief Control which carefully manages the hydraulic power distribution in slewing operations to deliver the most efficient flow and pressure, and Spool Stroke Control creates an automatic pressure adjustment during digging and levelling operations.

In addition, the Auto Idle function lowers engine rpm after 5 seconds of lever inactivity independently of the throttle's position, while the Idle Shutdown function

shuts the engine down after a pre-set time; both are manually switchable.

With electrically controlled pumps, oil flow can be adjusted according to working needs, or increased smoothly when starting travel and boom down. As a result, the machine responsiveness to operation load is multiplied, resulting in cycle times up to 5% faster than the previous generation.

The machine's versatility is highlighted by featuring three power modes to match different requirements - A Mode for grading, lifting and precision work; H Mode, which is the best balance between productivity and fuel economy; and SP Mode for extra speed and power for the most demanding jobs that require maximum productivity.

## Easy Maintenance

The Case CX145D is also easy to service and maintain. All filters and regular fill points are grouped for convenient access, with radiator and cooler cores mounted side by side for quick access for cleaning and more efficient cooling.

Engine oil change intervals are set at 500 hours and with all the D-series crawler excavators, the machine features Extended Maintenance System bushings, providing 1,000 hour greasing intervals on all pins except the attachment linkage.

**Dealer Support**

Brendan was also full of praise for the support he gets from Cowan Brothers. "I cannot speak too highly of David Cowan and his service team. I bought my first Case from them in 2016 and have built up a great working relationship with them.

"To be honest, Cowan Brothers are by far the best company I have ever dealt with; they look after all my needs in a manner that is friendly, professional and efficient.



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## Rapid Re-Enter Truck Mixer Market with Launch of Rapid Tumbler

**County Armagh based Rapid International Ltd has re-entered the concrete truck mixer market with the launch of their sister company Rapid Tumbler – suppliers of premium lightweight truck mixers.**

Rapid Tumbler's first product to market is the RTM89 8m3 capacity truck mixer. The mixer's quality engineered 8m3 mixing drum is manufactured

using long life, high strength, Arcelor Mittal steel.

The truck mixers feature premium components from Bosch Rexroth, Arcelor Mittal and ZF Germany. The range is set to be expanded in 2020 to include other size options.

The official launch of Rapid Tumbler took place in December past at an open morning at Rapid's headquarters in Tandragee.

The event was attended by many local and national readymix concrete companies, as well as members of the Mineral Products Association Northern Ireland (MPANI).

Attendees had the opportunity to view the new 8m3 capacity truck mixer and meet with representatives from Mercedes, Volvo, Scania and DAF truck manufacturers. The morning

was concluded with a factory tour and a light breakfast.

Mark Lappin, Managing Director – Rapid International Ltd, commented, "We're delighted to re-enter the truck mixer market through the launch of our new sister company, Rapid Tumbler. Having celebrated our 50th anniversary last year, it seems fitting to re-introduce one of Rapid's original iconic products."

## Komatsu Launches New Compact Wheel Loader

**Ireland's compact-class wheel loader segment has a new challenger in the form of Komatsu's WA80M-8 model, sales of which have commenced here.**

Pitched at farmers, agricultural and landscape contractors, bulk material providers and waste processors, the WA80M-8 is described by its distributor, John O'Brien, director of McHale Plant Sales as a 'reliable and versatile' all-rounder.

Like its larger siblings, the wheel loader is an item of plant that has been quietly making its way from the quarry to the farmyard. Brother to the larger WA100M-8 version, the new WA80M model is a 6-tonne unit powered by a 72hp EU Stage V engine with a new, increased 40 km/h over-the-ground speed and a variable 'creep speed' option of up to 10km/h. Fully automatic hydrostatic transmission delivers power to all four wheels.

Compact dimensions, excellent visibility and a 1.25 cubic metres bucket capacity are amongst the features that help

make this latest Komatsu compact what McHale Plant Sales says is 'everyone's favourite little farmyard helper'.

Its other attributes include low fuel consumption, high rim pull, superior breakout power, high lifting and dumping height, and sufficient reserves for even the most difficult ground conditions.

In addition, operators can rely on Easy Fork kinematics when transporting loads – with pallet forks running parallel to the ground and without the need to readjust fork tines.

### Reduced Operating Costs

Cleaning intervals of up to 6,000hrs duration ensures the DPF remains maintenance-free for up to 10 years. Its easy-to-fill bucket boosts productivity whilst helping to reduce fuel consumption.

Equipped with Komatsu's own KOMTRAX system, it uses wireless technology that provides maintenance alerts and facilitates remote monitoring to protect against theft, record operating hours and fuel consumption.



### Comfort & Safety

Its low centre of gravity adds to its stability and operational safety while its new engine hood and compact dimensions help provide exceptional all-round visibility. In-cab features include a multifunctional large widescreen, high-resolution colour monitor and improved ergonomic controls with a PPC multi-function lever for easy operating. Optional air conditioner and electronic controlled suspension system (ECSS) add to comfort.

A tilting cab, wide-opening engine hood and easy-to-clean wide core radiator combine to make maintenance, service and daily inspections easy and quick to perform.



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*Sean McCardle from MT Waste auctioning off one of his skips for charity.*



*Golda Burrows, Jonathan Lamberton and Justin Carrigan.*

# RECORDS TUMBLE AT ANOTHER MEMORABLE NIGHT AT THE ANNUAL PLANT & CIVIL ENGINEER AWARDS

**The annual Plant & Civil Engineer 'Construction, Quarry and Recycling Awards' proved to be a record-breaking event, with more guests, more high quality entries, more categories and more winners than ever before!**

Amalgamating the waste & recycling industry awards from our sister publication Sustainable Ireland meant that there were 20 categories, all of which attracted lots of attention.

With almost 600 people from across all the various sectors in attendance, it was a truly memorable night at the Crowne Plaza Hotel in South Belfast, with compere for the occasion being BBC and UTV sports presenter Adrian Logan.

Comments Plant & Civil Engineer's General Manager Justin Carrigan: "The event was all

about recognising the very best of what our industry offers, whether in the Construction sector, in Quarrying or Civil Engineering, in Waste or Recycling or in the supply of Plant and other products & services.

"Every aspect of the industry was included, with the high calibre of entries clearly reflecting what a wealth of talent there is right across the board, employing state of the art, innovative technologies and displaying great versatility and determination."

And added 4SM (NI) Ltd General Manager Golda Burrows: "This year our judges had an extremely difficult task in narrowing the entries down to the finalists and choosing the worthy winners as the quality of submissions was exceptionally high. So, I would like to take the opportunity to thank all of our judges for taking the time out of their busy schedules showing integrity,

dedication and passion for selecting the best.

"Also, a big 'thank you' to all of you who entered because without YOU - and our generous sponsors - this annual event would not take place."

Always a big highlight of the awards night was the presentation of the Special Recognition Award - and it went to founder of Campbell Contracts Limited, Jim Campbell, who was honoured for his life-time service to the industry.

Our chosen charity for the night was the NI Children's Hospice, with a very generous £9,240 being raised for this worthy organisation.

Over the following pages, we report on all the big winners of the night. If you weren't among them, well, there's always the 2020 event to plan ahead for.

## AWARD WINNERS

Quarry Manager of the Year

**Paul Shannon from Quinn Building Products' Crievehill Quarry**

Quarry of the Year (Sand & Gravel)

**Tobermore's Sand and Gravel Quarry at Lough Fea**

Quarry of the Year (Hard Rock)

**Northstone's Croaghan Quarry**

Student of the Year

**Ciara McAuley**

Waste Management & Environmental Excellence

**Re-Con Waste Management**

Health & Safety Award

**Lowry Building & Civil Engineering**

Household Waste Recycling Centre

**Antrim and Newtownabbey BC - Newpark Road Centre**

Plant Manager of the Year

**Peter Loney from Balloo Hire**

Circular Economy

**PPP Group**

Environmental Initiative

**Menarys in partnership with Recyclo**

R&D Innovation of the Year (Joint)

**Terex Corporation for its OMNI system & ReCon Waste Management**

Excellence in Customer Service

**Tobermore**

Plant Hire Company of the Year

**Dromad Hire Group**

Specialist Contractor of the Year

**Waterworx Pipeline & Civils Ltd**

Waste Management Team of the Year (Joint)

**RiverRidge & ROC Recycling Solutions**

High Achiever of the Year

**Dennison JCB**

Demolition Project of the Year

**Shannon Valley Group**

Construction Project of the Year

**Balfour Beatty CLG**

Civil Engineering Company of the Year

**A. G. Wilson**

Construction Company of the Year

**Creagh Concrete**

Special Recognition Award

**Jim Campbell of Campbell Contracts**

## SPONSORS

Quarry Manager of the Year

**Dungannon Plant Sales**

Quarry of the Year (Sand & Gravel)

**Terex Trucks and Sleator Plant**

Quarry of the Year (Hard Rock)

**Terex Trucks and Sleator Plant**

Student of the Year

**Topcon Positioning Ireland**

Waste Management & Environmental Excellence

**Ulster Shredders**

Health & Safety Award

**Pat O'Donnell & Co.**

Household Waste Recycling Centre

**Avenue Recycling**

Plant Manager of the Year

**Innovate NI and Steelwrist**

Circular Economy

**Bailey Recycling**

Environmental Initiative

**EJC Contracts**

R&D Innovation of the Year

**Momentum Group**

Excellence in Customer Service

**Dennison JCB**

Plant Hire Company of the Year

**Hire Association Europe**

Specialist Contractor of the Year

**Leica Geo-Systems and Innovate NI**

Waste Management Team of the Year

**Pirtek**

High Achiever of the Year

**Scania and Roadtrucks Ltd**

Demolition Project of the Year

**Liebherr Ireland**

Construction Project of the Year

**Sleator Plant and Mecalac**

**Construction Equipment UK**

Civil Engineering Company of the Year

**Groundforce**

Construction Company of the Year

**Close Brothers Commercial Finance**

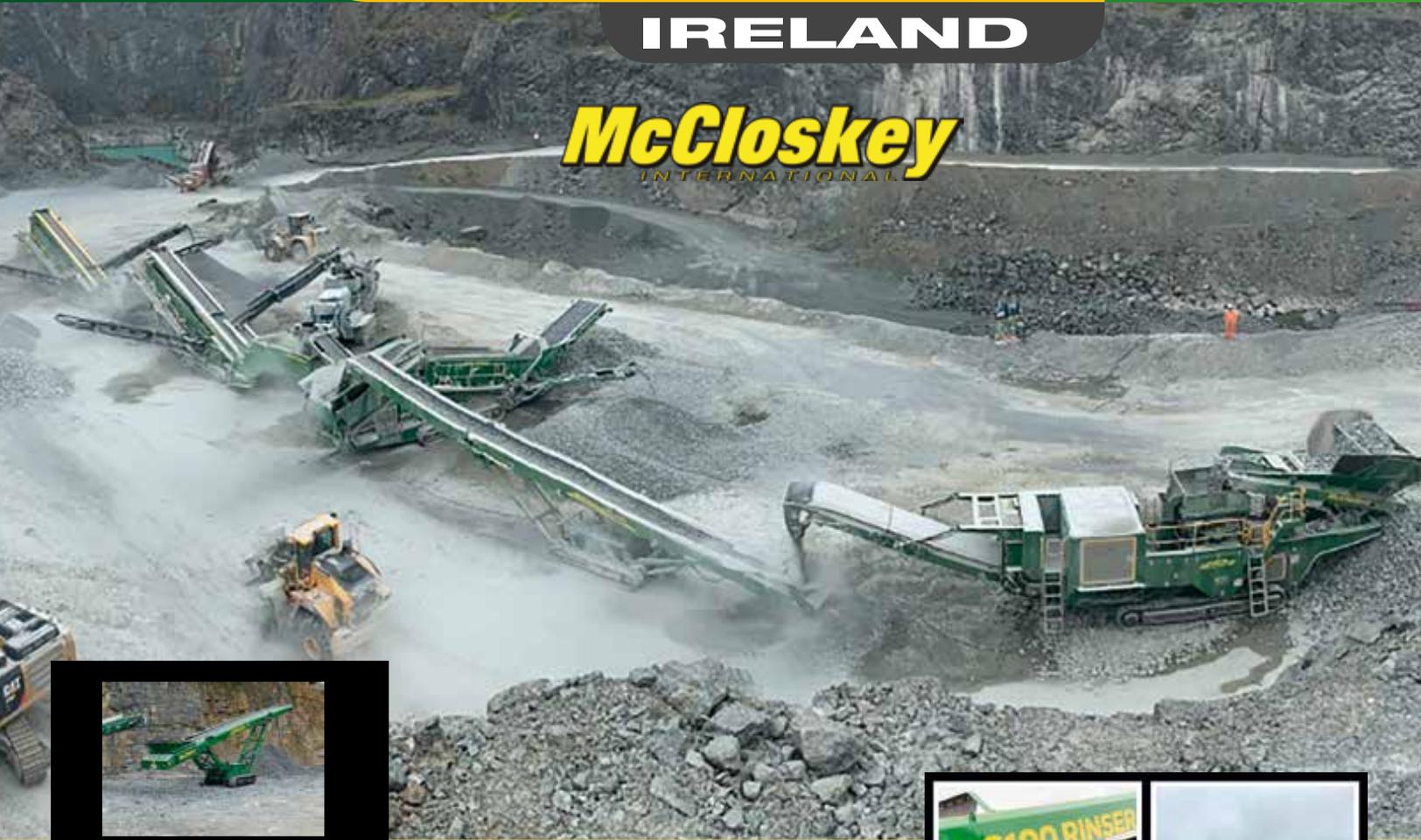
Special Recognition Award

**Cole Groundwork Contracts**

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# QUARRY MANAGER OF THE YEAR

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IRELAND**



**WINNER:**  
**PAUL SHANNON**  
**QUINN BUILDING PRODUCTS**

L-R: Adrian Logan, Paul Shannon and Alan Fallon.

**The FINALISTS: Andrew Moore - FP McCann and Paul Shannon – Crievehill Quarry, Quinn Building Products**

**Paul Shannon from Quinn Building Products' Crievehill Quarry is celebrating his success after being presented with the prestigious Quarry Manager of the Year award by Alan Fallon, Managing Director of sponsors Dungannon Plant Sales.**

Having spent a number of successful years as a manager at the company's Doon Quarry, Paul suddenly found himself in charge of a newly acquired site earlier in 2019, with the task of transforming it into a fully operational quarry and creating and implementing a development plan.

"His experience in quarry management was key, coming from the role of managing a well-established quarry, which had seen him excel as an effective Quarry Manager," says the company.

Significant investment has been made in the new quarry at Crievehill, and Paul has been instrumental in the planning and delivery of a number of infrastructure improvements. As well as managing site operations, he has responsibility for health and safety, environmental and sustainability matters.

He also plays a key role in biodiversity, working with local wildlife groups and councillors to ensure habitats and behaviours of native wildlife aren't disturbed, focussing on peregrine falcons nesting in the quarry and bats nesting around the perimeter.

Planning is also underway to utilise surrounds of the active quarry as part of Quinn's involvement in the All-Ireland Pollinator Plan. Native trees and wildflower will be planted in Spring to help boost pollinator numbers and provide a habitat for other native species.

Quinn Building Products Limited is a division of Quinn Industrial Holdings Limited and is one of the UK and Ireland's most diverse and experienced manufacturers of construction products.

Established in the 1970's, Quinn Building Products manufactures a wide range of premium building materials including high-performance rigid insulation, aerated thermal blocks, cement, hollow-core precast flooring and stair systems, and a range of related aggregate building products.

Manufacturing and service excellence coupled with a passion for quality is at the core of the business, which is constantly evolving through technical innovation, and is now at the forefront of providing pioneering, cost-effective, construction solutions designed to meet the needs of any construction project.

## SPONSORS

### **Dungannon Plant Sales**

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They also offer a full line in washing equipment. Used in a wide range of industries which include aggregates, landscaping, infrastructure and road building, construction and demolition, mining, waste management and recycling.



*The Close Brothers Team.*



*Justin Carrigan*



*Golda Burrows*



*Danielle Sheridan, Mairead Atkinson, Debbie Loughran, Rosie Doyle, Marian Loughran and Donna Loughran, with L.Loughran & Sons.*



*Sean Clarke, MBTVNI; Darren McKinstry, Ted Jones and Bradley McKinstry, of McKinstry Skip Hire; and Paul McCrory of MBTVNI.*



*Raymond O'Neill, David O'Neill and David Egan, with EasyTrack Survey.*



*Fergus Minish, Kieran McCann, and Aaron McCaul of Sleator Plant*



*Vincent Murphy and Veronica Parr of Roadtrucks Helen Beggs of Plant & Civil Engineer.*

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# SAND & GRAVEL QUARRY OF THE YEAR

Sponsored by



## WINNER: TOBERMORE'S LOUGH FEA

L-R: Aaron McCaul, Jacqueline Reid and William Paul.

**For the second year running, Lough Fea Quarry, owned and operated by Tobermore, featured among the big winners, winning the Sand & Gravel Quarry of the Year award.**

The owners were presented with the award on behalf of the sponsors by Jacqueline Reid, Marketing and Communications Director, Terex Trucks and Aaron McCaul, Aftersales Manager, Sleator Plant.

It was a double celebration for the company on the night as it also won the Excellence in Customer Service award.

The event heard Lough Fea quarry was operated by a company "that regularly

reviews and monitors work practices, staff training and competency, while providing a safe, environmentally responsible and quality orientated environment for its employees."

A family run and owned business, the success of Tobermore is driven by Managing Director, David Henderson.

Founded in 1942, it has evolved from a modest sand and gravel business into a world class manufacturer of paving and walling, supplying products for the commercial and domestic markets throughout the UK and Ireland.

The quarry is nestled in the Sperrin's region right beside the picturesque Lough Fea lough with its 4.15km walkway which is a haven for

the community and tourists alike.

Part of its success is due to its record-breaking speed of delivering products to its customers. In the month of September 2019, for example, 99.8% of Tobermore deliveries were fulfilled from the quarry in full and on time as agreed!

Indeed, the company has maintained a 99% delivery rate for in full and on time loads for the past five years. This is in stark comparison with deliveries of timber, which can take up to two months, according to research from the Federation of Master Builders, and deliveries of brick which can take more than a year.

### SPONSORS

#### **Terex Trucks and Sleator Plant**

**Sleator Plant is the Terex Trucks dealer for Northern Ireland, supplying the world renowned range of articulated and rigid dump trucks, with Terex Trucks drawing on almost 70 years of expertise to create heavy-duty, durable machines that offer a productive work shift, with minimum downtime and maximum return on investment.**

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# HARDROCK QUARRY OF THE YEAR

Sponsored by



**WINNER:**  
**NORTHSTONE  
(NI) LIMITED**  
**MATERIALS DIVISION'S  
CROAGHAN QUARRY**

L-R: Aaron McCaul, Paul Hughes and Jacqueline Reid.

## The team at Northstone Materials Division had good reason to celebrate at the awards night, with its Croaghan Quarry picking up a top accolade.

Representatives of the company were presented with the Hardrock Quarry of the Year award by Jacqueline Reid, Marketing and Communications Director, Terex Trucks and Aaron McCaul, Aftersales Manager, Sleator Plant, joint category sponsors.

The event heard that Croaghan Quarry has achieved enviable safe working practices, highest levels of pollution control, sustainability, biodiversity, and has achieved exceptional quality and efficiency, whilst offering a strong portfolio to a wide range of customers across the Province and beyond.

The Basalt Quarry located near the village of Macosquin, Coleraine, had been inactive until 1994 when Northstone commenced crushing operations. Blacktop followed in 2003, then concrete and blocks in 2010 and 2012.

The Quarry is at the forefront of industry best practice and was one of the first quarries in Northern Ireland to install reversing radar to machines and vehicles. Recent plant purchases have ensured compliance with CRH class leading safety guidelines.

In 2018/19 Croaghan Quarry produced a full range of materials to the A6 Toome by-pass road infrastructure project with a fleet of 35 lorries dedicated to servicing this contract. The Quarry team worked closely with Northstone's Contracts team, main contractor and design

team to deliver materials which provided the lowest lifecycle cost whilst meeting the design specification.

Due to Croaghan's reputation for exceptional quality and customer service, its materials are in high demand by regular customers in the Isle of Man and Scottish Western Isles (for whom it makes direct shipments) as well as by clients both large and small, all over Ireland.

The company is also fully focused on the environment, with the team at Croaghan Quarry implementing a restoration plan with reserves worked in zones, and as zones are exhausted, they are landscaped with topsoil and indigenous plantings to create suitable habitats for wildlife in the future.

## SPONSORS

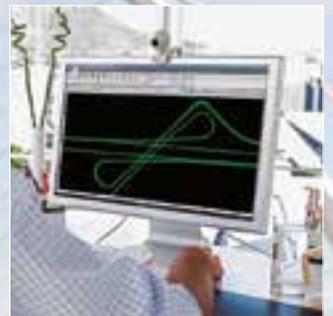
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# STUDENT OF THE YEAR

Sponsored by



**WINNER:**  
**CIARA MCAULEY**  
**QUEENS UNIVERSITY BELFAST**

L-R: Karol Friel, Ciara McAuley and Adrian Logan.

**The FINALISTS: Lois McNiece - Queen's University Belfast, Ciara McAuley - Queen's University Belfast and Grace Fox - Queen's University Belfast.**

## Completing a placement year with joint venture contractors Graham & Farrans working on the A6 road project earned Queen's University student Ciara McAuley a top honour at the awards evening.

She was presented with the prestigious Student of the Year award by Karol Friel, Sales Manager, Topcon Positioning Ireland, who sponsored the category.

According to the awards judges, the Student award was heavily contested and was the closest competition for several years, with Ciara just edging it because of her "excellent academic achievements and excellent placement experience," having developed well above expected levels for a placement student.

For the first four months of her placement, Ciara had the sole responsibility of measuring settlement using a dumpy level and transferring the data records on to excel spreadsheets weekly for her section manager and designers to review.

She had seven different sites to survey and over 500 settlement plates and toe monuments which helped to develop her time management skills to ensure she always met the required deadline.

Health and safety, of course, is paramount on a construction site and examples of Ciara's responsibilities in this regard included issuing daily briefings, permits to dig, toolbox talks, risk assessment and method statements and securing sites with pedestrian barriers, cones,

bunds and signs around excavations.

Comments Ciara, who lives on a farm which requires a hands-on approach to work and machinery: "My current goal is to maintain my high work ethic within university and complete my Meng degree with a first classification. I aim to gain a summer placement to further develop myself as an engineer.

"Long term, I aspire to be a chartered engineer and develop my leadership skills to gain a managerial role. I would like the opportunity to be based on a large-scale project within a graduate programme to equip me with skills required to be fully competent and ready to take on any challenges that is in front of me in this exciting, innovative, constantly changing industry."

## SPONSORS

### Topcon Positioning Ireland

**Topcon Positioning Ireland are the market leading positioning partner for construction, plant and geo-businesses in the whole island of Ireland offering precision technology that delivers increased efficiency across the workflow. With tailored support across a number of specialisms, including surveying, civil engineering, machine operation, Building Information Modelling and education, Topcon helps professionals to work smarter.**

Recently, the Topcon Positioning Group unveiled advancements in its inspection and monitoring portfolio designed to ensure longer term health of buildings and infrastructure assets. Among the improvements announced at INTERGEO 2019 were new flight planning software for the Topcon rotary-wing UAV, mass data photogrammetry processing integration capabilities, as well as the release of Delta Link version two, the new command console for the Topcon construction and structural health monitoring system.

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# WASTE MANAGEMENT & ENVIRONMENTAL EXCELLENCE

Sponsored by



L-R: Daniel Connolly, Seamus Duffy and Elliott Martin.

**The FINALISTS: Camden Group, ReCon Waste Management, McKinstry Waste Management & Recycling and Bailey Recycling.**

**ReCon Waste Management was presented with the prestigious Waste Management & Environmental Excellence award by Elliott Martin, Managing Director of sponsors Ulster Shredders.**

The awards gathering heard that "ReCon Waste Management has reached a considerable number of landmarks over the past two decades. It is fully committed to the delivery of a cost effective, green and efficient service to local business sectors and is striving to use an innovative approach to achieve the highest possible recycling rates."

In recent times, the company has spearheaded an environmental initiative to

identify solutions to divert waste from landfill to fulfil the company ethos of environmental excellence. It has established an R&D division and has built up a working relationship with Brunell University in London, who are instrumental in finding ways to divert waste from landfill through testing and research.

It was back in 2001 when company founder Daniel Connolly operated a successful contracting business looking at new innovative topsoil processes. Since 2012 the business has diversified into the waste sector which led to the formation of ReCon Waste Management Limited, which specialises in increasing the options available when it comes to disposal of difficult waste streams.

To date, its customers include Department of Infrastructure, NI Water Ltd, various Local Authorities and numerous private sector clients.

Recon has a certified Environmental Management System (ISO 14001:2015) which acts as a sustainability policy for the entire company, ensuring it is continually monitoring its environmental impacts and seeking out areas of improvement. It has also successfully achieved Silver in the BitC Environmental Benchmarking Survey.

It was a double celebration for the company on the night as it was also presented with the prestigious R&D Innovation of the Year award.

## SPONSORS

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# HEALTH & SAFETY AWARD

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## WINNER: LOWRY BUILDING & CIVIL ENGINEERING

L-R: Adrian Logan, David Lowry and PJ O'Donnell.

**The FINALISTS: Creagh Concrete, Mid Ulster District Council - Drumcoo Waste Transfer Station, Lowry Building & Civil Engineering, Tobermore, Bradley & Company and EJC Contracts.**

### Lowry Building & Civil Engineering was rewarded for its proactive approach and investment in health and safety procedures.

It was presented with the Health & Safety award by PJ O'Donnell, Director of category sponsors Pat O'Donnell & Co.

The award judges said that this particular category attracted a diverse range of worthy entries from various perspectives. "Companies demonstrated varying approaches to promotion of health and safety, innovative solutions including use of real time apps to record and promote a positive health and safety culture."

And they added: "Lowry Building & Civil

Engineering demonstrated positive enforcement of its core values in health and safety through engagement of the workforce, procurement of cutting-edge technology and management commitment particularly in the promotion of health and behavioural safety

"They used company branded products to underpin a health and safety message, demonstrated a proactive approach to men's health, utilising national campaigns to raise awareness on topical issues. Training in both traditional and mental health first aid was provided, and a mental health first aider was encouraged to develop health programmes in conjunction with management. Provision of health care and health surveillance has had an overall benefit to the total workforce."

Lowry Building & Civil Engineering Ltd has a long-established history stretching back to 1961 when the company was originally founded in Castlederg, County Tyrone. Since then company has grown steadily to become one of the leading medium sized contractors in Northern Ireland, delivering complex, multi-discipline projects throughout the country.

The company won the 'Construction Project of the Year' award at last year's event and more recently was awarded a prestigious "Green Apple" award for its work to install dams for NI Water, as part of the restoration of Garron Plateau Blanket Bog; the project won the 'Green Champion Award' under the Building and Construction Sector.

### SPONSORS

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# HOUSEHOLD WASTE RECYCLING CENTRE

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## WINNER: ANTRIM & NEWTOWNABBEY BOROUGH COUNCIL

L-R: Darlene Moorhead, Anne Marie Logue and Lisa Mayne.

### **Antrim & Newtownabbey Borough Council's Newpark Road Household Waste Recycling Centre was praised by the judges for the efficient and effective manner in which it is operated.**

The Council was presented with the Household Waste Recycling Centre of the Year award, by Lisa Mayne and Darlene Moorhead, Waste Managers at category sponsors Avenue Recycling.

Deputy Mayor, Councillor Anne Marie Logue, was delighted to accept the award on behalf of Council. "With an average of around 600 user visits per day, Newpark Household Recycling Centre is significantly helping the

council to meet its targets, recently recording a recycling rate of 87%. Indeed, Antrim and Newtownabbey Borough Council leads the way in recycling and regularly has the highest recycling rate in Northern Ireland."

The Council's Newpark and O'Neill Road Recycling Centres were both shortlisted for their service excellence and significant increase in recycling streams, but it was Newpark that scooped the award on the night.

The Newpark Road Centre is one of five such sites inherited when the two councils were amalgamated several years ago and was originally established in 1985.

The concerted efforts by staff at Newpark

Recycling Centre to steer householders towards placing quality materials into the Reuse container on-site has led to a significant increase in the amount of materials diverted to Reuse contracted partner Habitat for Humanity who are delighted with the increasing quality and quantity of materials they receive.

Recently, Antrim and Newtownabbey Borough Council was also named as the 'Best Local Authority' at this year's IPB Pride of Place Awards.

The All-Ireland competition judges praised the council for its continued efforts to build "resilient and socially responsible communities that reflect the true purpose of the Pride of Place competition."

### SPONSORS

#### **Avenue Recycling**

**Avenue Recycling began over 45 years ago as a scrap metal yard and has developed to become one of the market leaders providing a range of waste, recycling and cleansing services in Northern Ireland.**

"We offer a wide range of services to accommodate a large number of industries; we organise and provide top class, efficient and flexible services for all our customers and strive to accommodate new and existing customers ever changing requirements."

Health and safety is a top priority at all times for the company; its employees undergo regular training and its health and safety team ensure training and risk assessments are re-evaluated and kept up to date.



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# PLANT MANAGER OF THE YEAR

Sponsored by



**WINNER:**  
**PETER LONEY**  
**BALLOO HIRE,**  
**A BRIGGS EQUIPMENT COMPANY**

L-R: Pat Bulcock, Peter Loney and Martin Graham.

**The FINALISTS: Brendan Campbell - Campbell Contracts, Jonny Leonard – FAL Hire, Paul Marley - EJC Contracts and Peter Loney - Balloo Hire Centres - A Briggs Equipment Company.**

**A delighted Peter Loney from Balloo Hire, a Briggs Equipment Company, ended 2019 on a high, being voted Plant Manager of the Year.**

He was presented with the prestigious award by Innovate NI's Martin Graham and Steelwrist's Managing Director Pat Bulcock; the two companies were joint sponsors of the category.

A quarter of a century ago, Peter was working as a fitter; today he manages a team of 30 people across a network of depots and is responsible for a hire fleet totalling well over 1,000 pieces of plant and equipment. His wealth of knowledge of many different brands and makes of plant machinery are second to none.

Peter is well used to working in a fast moving

and changing environment and has been employed through Balloo Hire on some prestigious supply projects that included Game of Thrones.

"With multiple filming locations across Northern Ireland, I made sure to assign a dedicated engineer to each location to be on call 24/7. If a serious issue arose, I would travel at any time of the day or night, weekends and holidays to the filming location myself, because it was critical to keep the downtime of a machine to a minimum, otherwise that could hold up an entire filming schedule."

He was also involved with the Open Golf Championship at Royal Portrush where he and his team again had their work cut out.

"We had over 80 machines on site for the championships, ranging from telehandlers,

forklifts, diggers and powered access. All machines needed 'white noise' reversing alarms fitted rather than the standard beep. This was to stop any machines disturbing people already on the course. The machines also had to be fitted with grass tyres to protect the golf course from damage."

In his role as plant manager, Peter has to constantly keep up to date with the latest legislation covering the company's hire machines, and he takes a keen interest in his staff. He is also focused on their careers and adds: "I am training the next generation of plant engineers; currently we have four apprentices within the workshops and maintenance departments - we can teach the skills that a book will never show you. It makes me proud to see an apprentice become an integral part of my team."

## SPONSORS

### **Innovate NI and Steelwrist**

**Local business and 2018's 'High Achiever of the Year' Innovate NI have been supplying the needs of Contractors and Surveyors in Northern Ireland, Ireland and Great Britain since 2012.**

More recently, it has partnered with Steelwrist, one of the fastest growing manufacturers in the world, providing tiltrotators, quick couplers, accessories and attachments for excavators and backhoe loaders.

As the sole provider of the Steelwrist products throughout Northern Ireland and Ireland, Innovate NI is providing a prompt and efficient service as it aims to grow the manufacturer's customer base in this part of the world.



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# CIRCULAR ECONOMY AWARD

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**WINNER:**  
**PPP GROUP**

L-R: Paddy McBride, Peter O'Kane and David Kearney.

*The FINALISTS: Camden Group, USEL, PPP Group McKinstry Waste Management & Recycling and CDE.*

**The PPP Group has been rewarded for its approach to managing difficult waste streams to lessen the impact on the environment, being among the big winners at the awards night.**

The company was presented with the Circular Economy award by Paddy McBride, Director of sponsors Bailey Recycling in recognition of it continually developing new business processes; as a result, the company is now producing innovative products from waste automotive tyres.

Established in 2001 and based in Portglenone, Co Antrim, the company offers a unique recycling and waste management service that enables waste producers - from the general public to all industrial and business sectors - to manage and report their

waste, from collection to recovery regardless of the type, volume or location.

As the only member of the Tyre Recovery Association and the Tyre Industry Federation within Northern Ireland, the PPP Group has year on year increased the volume of material processed.

Whole tyres were banned from landfill sites around 2002, as a result of the EU Landfill Directive. This was designed to divert as much potentially re-useable/recyclable material from landfill as possible. Since this initiative came into place, the UK has evolved and adapted, though currently a large percentage of all of waste tyres are only collected, mechanically re-sized and exported to non-OECD countries and recovered for energy production.

However, the PPP Group provide recycled

products from the tyres collected within Ireland, one of the main products being Used Tyre Derived Aggregate Replacement, which is a sustainable and cheaper alternative to conventional infill such as virgin stone aggregate in civil engineering and landfill engineering applications.

This replacement product reduces carbon production during the extraction and production of traditional graded stone aggregate. It also reduces the impact of consumption of natural resources and provides a like for like product and at a much reduced cost to virgin stone aggregates.

Its new subsidiary company Terraflex is a consumer-focused brand for playground, rubber mulch and equestrian products, all end-of-waste protocol products made from used automotive tyres.

## SPONSORS

### **Bailey Recycling**

**Bailey Recycling provides a hassle-free solution to waste, including confidential waste, enabling organisations and individuals to dispose of all waste in an easy and efficient manner.**

It is part of the Agnail Group, a Dublin headquartered independent Waste Management Consultancy and Commodity Broker, which has its sights firmly set on becoming the country's leading recycling and waste management company.

It has already established a network of strategically located facilities across Ireland and the UK, in addition to business partners in Europe and the Far East, enabling it to offer a broad and growing 'blue chip' client base with full collection, recycling, shredding and processing capabilities.

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# ENVIRONMENTAL INITIATIVE

Sponsored by



**WINNER:**  
**MENARYS**  
IN PARTNERSHIP WITH  
**RECYCO**

L-R: Gary Donaldson, Martin McGirr, Adrian Tracy and Eddie Connolly.

**The FINALISTS: P Keenan Contracts, Camden Group, Lowry Building & Civil Engineering, USEL, Menarys & RecyCo and Pirtek.**

**One of Ireland's biggest retailers Menarys was praised at the annual awards for its efforts to cut waste and reduce the impact on the environment.**

It was presented with the Environmental Initiative award by Eddie Connolly, Director of EJC Contracts who sponsored the category.

As part of an overall review of waste management performance for the business, Menarys took the opportunity to work with RecyCo to look at all aspects of waste and the impact on the environment and its costs.

Through a series of initiatives, it has significantly reduced both the amount of waste to landfill and its waste related

mileage, all being achieved with major changes in its stores.

"The savings we have achieved to date show that it makes financial sense to invest in prevention, reuse, recycling & energy recovery. We are very pleased to announce we are now Certified as sending Zero waste to landfill."

Menarys was founded in County Tyrone in 1923 under the name Joseph Alexander Ltd. Today, the company has become a favourite local department store chain that is synonymous with quality, style, value & choice.

As a local independent retailer and a family owned business, which was bought over and re-branded as Menarys in the 1980s, it has grown from strength to strength in recent

years with its Fashion & Homewares ranges.

The company currently employs over 300 people across 19 Menarys & Tempest stores throughout Ireland.

RecyCo was established in 2004 as a recycling and waste management business. Since then it has provided a consistently high standard of service to households, local councils and businesses needing help to reduce and recycle their waste.

Its services include commercial and industrial recycling, office recycling and skip hire and it manages a number of high value, long term contracts as local businesses and households are increasingly aware of the importance of using recycling companies to move towards Zero Waste to Landfill.

## SPONSORS

### **EJC Contracts**

**EJC Contracts Ltd working in partnership with Virgin Media, specialises in all types of utilities and road surfacing, serving domestic and commercial clients in Belfast and across Northern Ireland.**

EJC Contracts began works on Virgin Media's Project Lightning in 2017, the single biggest private investment in the UK's digital infrastructure in more than a decade.

EJC Contracts have also been recognised for their outstanding Health and Safety record and were awarded the Gold ROSPA award.



*Michael O'Callaghan, Agnail; Johnny McAtee, Jackie McKeown, Tony McAtee and Thomas McKeown, of McAtee Recycling.*



*Harry Mills, Paul Marley, Darrell Connolly, Eddie Connolly and Brendan Hoey, of EJC Contracts.*



*Alan and Paul Spence of Spence Engineering, with Matthew Heathrick of T Heathrick & Sons.*



*Easytrack Survey.*



*Martin, Laurence and Larry Loughran and Barry Sheridan, of L.Loughran & Sons.*



*John Maguire, Eamon and Donna Teague, Gerard Poyntz, Teresa Poyntz and Daniel Poyntz, of Waterworx Pipeline & Civils.*



*Judith McClintock, TBF Thompson; Pauline Nelmes, Simon Cooper, of Cantrack; and Ian Campbell, TBF Thompson.*



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# R&D INNOVATION AWARD

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**WINNER:**  
**RECON WASTE MANAGEMENT**

L-R: Daniel Connolly, Simon Huntley, Seamus Duffy, Paul Brennan and Neil McIlwaine.

**The FINALISTS: ReCon Waste Management, Waterworx Pipeline & Civils, Terex Finlay - OMNI, Leica Geosystems - Leica DSX, Mecalac Construction Equipment UK - TV1200, Topcon GTL - 1000 and CanTrack Global.**

**ReCon Waste Management was praised for spearheading an initiative to design, develop and test solutions to divert 'difficult to treat' wastes from landfill.**

It was presented with the prestigious R&D Innovation of the Year award by Simon Huntley, Business Development Director with sponsors Momentum Group.

ReCon Waste Management, who also won the Waste Management & Environmental Excellence award on the same night, has accomplished many achievements to date, including an End of Waste protocol on Street Sweeping wastes in 2014, a first in Europe; currently 100,000 tonnes of sweeper waste has been diverted from

landfill using its bespoke process.

ReCon Waste Management has also achieved a second End of Waste protocol for the treatment of Clean Water Drinking sludges in 2016, a first for Northern Ireland. Around 6000 tonnes of this type of waste is treated per year and successfully diverted from landfill, achieving a 100% diversion rate.

Now, the company is spearheading a new initiative to design, develop and test solutions to divert difficult to treat wastes from landfill, having significantly invested to establish an R&D division within the company.

Working alongside Brunell University in London, who are instrumental in finding solutions to help divert waste from landfill

through testing and research, ReCon Waste Management is liaising with waste producing companies with the aim of identifying and treating wastes which would otherwise be discarded, causing further damage to the environment.

Currently, it is working on various projects, but two in particular have proved very successful to date and have generated new products as well as having the potential to divert an approximate 8000 tonnes from landfill per year.

Through further Research and Development, it hopes to achieve new End of Waste protocols for the treatment of these difficult waste streams within the next 2-5 years.

## SPONSORS

### **Momentum Group**

**The Momentum Group is one of the UK & Ireland's leading R&D Tax Credits advisory practices, a multi award winning advisory company that was founded in 2009 by Tom Verner. Over the years, it has become one of the UK and Ireland's leading business consultancy practices in securing financial benefits for clients through R&D Tax Credits.**

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# R&D INNOVATION AWARD

Sponsored by

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**WINNER:**

## TEREX CORPORATION FOR ITS OMNI SYSTEM

L-R: Daniel Connolly, Simon Huntley, Seamus Duffy, Paul Brennan and Neil McIlwaine.

**The FINALISTS: ReCon Waste Management, Waterworx Pipeline & Civils, Terex Finlay - OMNI, Leica Geosystems - Leica DSX, Mecalac Construction Equipment UK - TV1200, Topcon GTL - 1000 and CanTrack Global.**

### Terex has been recognised for its Research & Development initiatives to enhance the health and safety of employees in the workplace.

It was presented with the prestigious R&D Innovation of the Year award by Simon Huntley, Business Development Director with sponsors Momentum Group.

In what was the first time this category has been featured at the event, Terex won the award for its OMNI system, a real-time connected tablet based system, that is fitted within the cab of a material feed excavator or shovel that provides centralised remote access and keeps the operator in control using a simple and intuitive onsite live interface.

The generation of a secure and separate

WIFI network and the integration of tablet technology enables multiple operators to be connected in real time on up to six machines in a crushing and screening train. It has been diligently and intuitively designed to give unrivalled, easy-to-use control to the operator with information and views of the entire machine train.

The OMNI by Terex system allows the operator to view working information from each machine that is connected to the system, make informed decisions about each machine's operation, and remotely manage the entire machine train to maintain high efficiency and produce the required material specification. The operator can adjust individual machine metrics or use global features, such as pausing the entire material

flow across the train with one action, allowing unprecedented levels of control - all from the comfort and safety of the excavator or shovel cab.

Additional features of the new OMNI by Terex system include alerts that indicate when someone on the ground is making process adjustments and camera view of up to two cameras per machine - from vantage points such as material transition points, chamber inlets, and material choke level on cones. The OMNI by Terex system offers an option for other personnel on the jobsite (such as the wheel loader or excavator operator) to have read-only system access, enhancing their efficiency through remote view of the operation and timely interaction.

### SPONSORS

#### **Momentum Group**

**The Momentum Group is one of the UK & Ireland's leading R&D Tax Credits advisory practices, a multi award winning advisory company that was founded in 2009 by Tom Verner. Over the years, it has become one of the UK and Ireland's leading business consultancy practices in securing financial benefits for clients through R&D Tax Credits.**

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**WINNER:**  
**TOBERMORE**

L-R: L-R: Adrian Logan, William Paul and John Jenkins.

**The FINALISTS: Groundforce, Cole Groundwork Contracts, Tobermore, Balloo Hire Centres - A Briggs Equipment Company, Easy Track and A.J. Armstrong & Sons.**

**Tobermore was recognised for its approach to customer service, being presented with the Excellence in Customer Service award by John Jenkins, Managing Director of sponsors Dennison JCB.**

It was a double success for Tobermore at the awards event as it also won the Sand & Gravel Quarry of the Year award for its operations at Lough Fea.

Tobermore is a UK and European Quality Award winning company, dedicated to excellence in the manufacture and supply of paving and walling products for the domestic

and commercial markets throughout the UK and Ireland.

It has grown to become one of the largest and most successful paving block manufacturers in the U.K, sourcing materials from its own quarry in Lough Fea and manufacturing products at its extensive plant in the village of Tobermore.

With over 75 years' experience in the construction industry, Tobermore continues to build lasting relationships with their customers by surpassing expectations with superior product quality and sustainability, stock and delivery efficiency

and excellent customer service.

Tobermore's main customer base includes housebuilders, merchants, architects and domestic homeowners, operating in the NI/ROI markets, and in the GB market, which now accounts for 62% of sales.

Tobermore recently launched ServiceSure, a package of customer service benefits developed to ensure an efficient, and consistent streamlined experience.

This customer focused service follows a project from initial enquiry to delivery and beyond, updating customers at every stage.

## SPONSORS

### **Dennison JCB**

**Dennison JCB is the Northern Ireland and Co Donegal JCB dealer for Construction, industrial, access equipment and generators. It is part of the Dennison Group who will be celebrating their 50th anniversary in 2020.**

Dennison JCB work in partnership with customers throughout the lifespan of the JCB machine, offering a full breakdown on the cost of purchasing the machine, along with an outline cost of maintaining and operating the machine.

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Hire Awards of  
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# PLANT HIRE COMPANY OF THE YEAR

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**WINNER:**  
**DROMAD HIRE GROUP**

L-R: Pierce Martin, Regina Wallace, Ronan Conner and Rupert Douglas-Jones.

**The FINALISTS: MFL Plant Machinery, FAL Hire, Dromad Hire, Kellys Point Hire and Balloo Hire Centres - A Briggs Equipment Company.**

**Dundalk-based Dromad Hire, which specialises in access platform hire, general plant & tool rental, along with ex-rental sales, was in the mix with Ireland's top plant hire companies, and successfully won the top award on the night.**

The award for Plant Hire Company of the Year was presented by Rupert Douglas-Jones of the Hire Association Europe and Event Hire Association (HAE EHA) who were also the category sponsors.

The gathering heard that this was a tough category with little separating the finalists, but one company in particular stood out, and that was Dromad Hire.

Over 30 years working in the industry there is very little the staff at Dromad Hire don't know about the rental industry.

Whether is working at height or a DIY project, the company can supply the right equipment for your project – and all less than three years old.

According to Dromad Hire Group owner & managing director Seamus Byrne: "We simply have a great team, we value our people, and it's our people that make the difference. This really is a reflection on them and the work that goes on behind the scenes. It is fantastic to be recognised for our achievements - but there is always room for improvement, and as always we will

continue to try and deliver an even better service to our customers."

Dromad Hire's general manager Ronan Cotter who collected the award on the night stated: "It's always nice to be recognised on a national level for what we do day in day out, but more importantly we constantly strive to improve on a daily basis - in all aspects of our business, whether it be delivering a better product, service or backup & support to our customers."

Apart from plant hire, Dromad Group also operates a number of other services on a nationwide scale throughout the UK & Ireland including IPS Ireland (Parts), PSR Ireland (Service) & APS Ireland (Sales).

## SPONSORS

### **Hire Association Europe**

**Hire Association Europe (HAE) is an industry-leading trade body representing plant, tool and equipment hire with over 900 members based in the UK, Europe and across other parts of the world.**

The Association assists businesses, from sole traders to larger independent and privately owned organisations, by providing operational resources and training services to support the hire industry.

Membership provides access to products and services covering all aspects of hire, including terms & conditions, safety checks, publicity, equipment, responsibilities and general day-to-day requirements. Accompanying services include legal advice, training, publicity, safety checks, leaflets, lobbying and finance advice; necessary documentation and information that will hold organisations in better stead for the long term.

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# SPECIALIST CONTRACTOR OF THE YEAR

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**Innovate**



**WINNER:**

## WATERWORX PIPELINE & CIVILS LTD

L-R: Martin Graham, William Teague, Daniel Poyntz and Joe Kerrigan.

**The FINALISTS: Advanced Flooring Systems, Creagh Concrete, P&M Excavations, Blockbusters Environmental Services, Waterworx Pipeline & Civils, EJC Contracts, Cole Groundwork Contracts and Power Grid Civils.**

### Leading the way in pipeline innovation, Omagh based Waterworx Pipeline & Civils Ltd was voted Specialist Contractor of the Year.

The company was presented with its award by category sponsor representatives Distribution Partner Martin Graham from Innovate NI and Ireland Country Manager for Leica Geosystems, John Kerrigan.

Waterworx Pipeline & Civils Ltd has been involved in pioneering non disruptive pressurised water technologies to complete vital work in water infrastructure, having introduced five new technologies to NI Water in the last six years.

The event heard that it is companies such as this offering innovative and skilled means to deliver crucial services that are

of real value to the wider built environment of Northern Ireland.

“What makes our services unique is that we are able to access a pipeline fully under pressure with no interruption. From our access points we are able to insert our sealed camera system into the pipeline and carry out internal condition assessment, locate lost assets, confirm pipe material, identify leaks, and map the pipeline above ground, all without affecting supply.

“From our water main condition assessment surveys, we also complete a corrosion scan of the pipeline to identify pipe wall thickness and also any defects that have occurred. From this data we are able to calculate the life expectancy of the pipeline. This information can then be utilised to prioritise pipelines for rehabilitation, reduce water main breaks,

locate deterioration occurring in the pipe and make informed decisions regarding pipeline replacement.”

Another technology the company recently introduced was a critical valve release system, which allows technicians to open and close seized valves that were currently inoperable and deemed for replacement. This unique system uses hydraulics to apply torque to get the valve operational and back in service. A more recent technology is a patented watermain cleaning system that flushes out the watermain while the pipe remains in service.

Winning numerous contracts with NI Water and Irish Water, Waterworx is clearly leading the way in pipeline innovation, being the only company in Ireland providing these types of technologies.

### SPONSORS

#### **Leica Geo-Systems and Innovate NI**

**Innovate NI are the sole Northern Ireland distribution partner for Leica Geosystems who have been revolutionising the world of measurement and survey for almost 200 years.**

Leica Geosystems manufactures equipment and tools for construction and land surveying products, systems, and software that capture, visualize and process 3D spatial data through the employment of advanced technologies.

If you're looking for top-notch surveying and construction instrumentation that makes your work easier, then look no further than Innovate NI and Leica Geo-Systems.



*Alan Fallon of Dungannon Plant Sales with Paul Shannon, Joseph Donegan and John Crudden of Quinn Building Products.*



*Suzanna Hall, Conor MacNamara, Emma and Connor Cole, of Cole Groundworks.*





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# WASTE MANAGEMENT TEAM OF THE YEAR

Sponsored by



## WINNER: ROC RECYCLING SOLUTIONS IN PARTNERSHIP WITH COCA-COLA HELLENIC

L-R: Golda Burrows, Paddy McBride, Jen McGuigan and Michael O'Callaghan.

**The FINALISTS: Menarys & RecyCo, Avenue Recycling, Coca Cola Hellenic & R.O.C. Recycling Solutions, McKinstry Waste Management & Recycling and RiverRidge.**

### The team at ROC Recycling Solutions Limited in partnership with Coca-Cola Hellenic were among the big winners with something to celebrate.

Representatives of the partnership were presented with the prestigious Waste Management Team of the Year award, by Cathy Doyle, General Manager of category sponsors Pirtek.

ROC Recycling Solutions Limited was established in 2010 as a waste management service provider to the commercial and industrial sector. It is an Irish owned company headed by nationally and internationally respected professionals, with expertise in waste processing, brokering, and recycling.

As franchise bottling partner to the Coca-

Cola Company across the island of Ireland, Coca-Cola HBC Ireland and Northern Ireland (CCHBCIO) produces, distributes, and sells a wide range of beverages including global brands Coca-Cola, Diet Coke, Coca-Cola Zero Sugar, Fanta, Sprite, Schweppes, and locally-owned brands Deep RiverRock and Fruice.

A member of the 28-country Coca-Cola Hellenic Bottling Group (CCHBC), the business has a strong heritage in Northern Ireland and is a major employer at its state-of-the-art facility at Lisburn, Co. Antrim.

The site incorporates an energy efficient combined heat and power plant, a high tech warehousing system, waste management facility, and visitors centre.

The CCHBC and ROC Recycling Solutions waste management partnership commenced

in 2015 with the aims of improving the waste management systems to improve efficiency and enable greater segregation, developing an on-site waste processing self-sufficiency at the Knockmore Hill facility, attaining closed loop recycling on recyclable wastes despatched from the site and achieving in excess of 80% recycling with balance of tonnage undergoing recovery.

As the waste management partner, ROC Recycling and CCHBC engage on an almost daily basis to ensure that there is ongoing support and commitment to those CCHBC corporate waste targets and goals. Last year, although it generated nearly 2,000 tonnes of waste, in partnership with ROC Recycling, it achieved zero waste to landfill.

### SPONSORS

#### Pirtek

**Pirtek is the leading provider of Onsite Hydraulic Hose Replacement in Northern Ireland. With over 350 mobile service units throughout the UK & Ireland, Pirtek is best placed to respond to any hose failures within the hour, 24 hours a day, 365 days of the year.**

With a growing customer base throughout Northern Ireland and into County Donegal, Pirtek Belfast has doubled the size of its fleet of service vans over the past two years to cope with that increase in demand.

Customers can take full advantage of the services Pirtek engineers offer throughout the whole of the UK and Ireland, all from a single phone call. It is a service that is particularly attractive to those locally based contractors who are engaged in projects elsewhere in the UK, as increasing numbers are.

# WASTE MANAGEMENT TEAM OF THE YEAR

Sponsored by



WINNER:

# RIVERRIDGE

L-R: Golda Burrows, Pamela Jordan and Adrian Logan.

**The FINALISTS: Menarys & RecyCo, Avenue Recycling, Coca Cola Hellenic & R.O.C. Recycling Solutions, McKinstry Waste Management & Recycling and RiverRidge.**

**The team at Coleraine based RiverRidge was richly recognised for its work with the R&A at the 148th Open Golf Championships at Royal Portrush.**

The company was presented with the sought-after Waste Management Team of the Year award by Cathy Doyle, General Manager of category sponsors Pirtek.

Commented the awards judges: "With a dedicated and committed team, all of whom has many years of experience, and under the leadership and management of Pamela Jordan, senior business development manager, RiverRidge delivered a waste management strategy second to none for the 148th Open at Royal Portrush.

"With a very strong, cohesive team, that also provided detailed knowledge and information for contractors, suppliers and those in the R&A, RiverRidge is a very deserved winner.

"The team worked through challenging conditions - from the inclement weather to the record-breaking crowd of 237,750. This was in addition to the extremely limited space they had for collecting and delivering waste. It is clear that Pamela and the RiverRidge team went the extra mile in every regard."

Pamela Jordan of RiverRidge, added: "I'm absolutely over the moon and really delighted that the team involved in The 148th Open has been recognised in this way.

I worked on this project for over five months and there were so many unknowns from the weather to the amount of people; never mind the amount of waste during the build and derig phases. The team excelled themselves as there was much work to be completed behind the scenes in ensuring that the course was pristine, as well as the contractors and set up areas.

"Communication, education and advice were key. This was without a doubt a challenging but very rewarding undertaking but having the right team around me made it that little bit easier. Well done to the RiverRidge team on this award!"

## SPONSORS

### Pirtek

**Pirtek is the leading provider of Onsite Hydraulic Hose Replacement in Northern Ireland. With over 350 mobile service units throughout the UK & Ireland, Pirtek is best placed to respond to any hose failures within the hour, 24 hours a day, 365 days of the year.**

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Customers can take full advantage of the services Pirtek engineers offer throughout the whole of the UK and Ireland, all from a single phone call. It is a service that is particularly attractive to those locally based contractors who are engaged in projects elsewhere in the UK, as increasing numbers are.



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# HIGH ACHIEVER OF THE YEAR AWARD

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**WINNER:**

**DENNISON  
JCB TEAM**

L-R: Veronica Parr, Jonathan Forsythe and Adrian Logan.

**The FINALISTS: P&M Excavations, EJC Contracts, Dennison JCB, Advanced Flooring Systems, Easy Track, Cole Groundwork Contracts LTD for PJ Fagan, Joe Westman, Steelwrist UK and MacPac Refuse Bodies.**

## Staff at Dennison JCB had plenty to celebrate after being honoured for their impressive achievements over the past year.

The team was presented with the High Achiever of the Year award by Martin Hay, Managing Director of Scania Great Britain Ltd who sponsored the category.

The awards judges praised the team for 'achieving so much since it was established just over a year ago, including unprecedented product sales from a standing start, operating an ethos of being fully focused on the customer needs and wants, by delivering a service which they would expect themselves.'

Dennison JCB opened in March 2018 as the

new JCB dealer for construction, industrial, access equipment and generators for Northern Ireland and Co Donegal.

As the new JCB dealer, the focus for the first year was to build brand awareness and develop a strong, loyal customer base. It has since been awarded Best New Dealership Worldwide by JCB.

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allow customers to clearly see what regular servicing will cost and allow proper budgeting.

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The team base their success on the mix of sales experience, industry and JCB knowledge. Key to this success is in listening to the customer, giving outstanding customer service with machine demonstrations, great premises for showing off the product range and offering a full sales and aftersales package which includes finance, warranty, service plans and parts and service facilities.

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# **LIEBHERR**

# DEMOLITION PROJECT OF THE YEAR

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**WINNER:**  
**SHANNON VALLEY GROUP**

L-R: Adrian Logan, Dermot English and Rob McNaughton.

**The FINALISTS: Shannon Valley Group for Clerys, Tinnelly Group for Tara Towers Hotel, Merrion Rd, Dublin 4, McCormack Demolition for Grand Central Hotel, Bedford Street, Belfast and Eastwood Demolition for Oxford & Gloucester House, Belfast.**

**Shannon Valley Group was recognised for its work on a major contract to demolish one of the most iconic city centre buildings in Dublin, the world famous 165 year-old Clerys building.**

It was presented with the Demolition Project of the Year award by Rob McNaughton from Liebherr Ireland, category sponsors.

The award judges were impressed by how Shannon Valley carried out the project on behalf on the main contractors, Glenbrier Construction. They commented: "This contract incorporated a multitude of demolition works from soft strip and hand work to machine demolition. The retention of existing features and protection of decorative works goes to illustrate that the modern demolition contractor

is not just a machine-led operation."

Great care had to be taken to ensure that everything of architectural and historical interest within the building – including the famous original clock, the tea rooms and ceremonial staircase – was retained so that it can be eventually incorporated into the new development, which will include a 176-bedroom four-star hotel, boutique basement and ground floor retail space, offices, restaurants and events venue.

Tonnes of material have been transported off-site using articulated, rigid and skip lorries despite being at the height of the tourist season all with little noticeable disruption to the surrounding streets and businesses, thanks to careful advanced planning, constant monitoring, and the implementation of

rigorous health and safety measures.

The demolition works, although surrounded by other historic and sensitive buildings, has been completed flawlessly, without damaging, cracking or interfering with any of the adjacent structures, because of the carefully planned and well executed hand demolition and saw cutting separation works, all carried out by a very experienced management and demolition crew.

Clerys had lain empty for a number of years before it was acquired for more than €60m by a European investment group who are redeveloping the site. Once completed by late 2020 or early 2011, the redeveloped site will be called 'Clerys Quarter', providing employment for over 400 people.

## SPONSORS

### **Liebherr Ireland**

**Liebherr is not only one of the world's largest manufacturers of construction machinery, it also enjoys success in many other industries. The extraordinarily large range of products is the result of gradual development.**

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# CONSTRUCTION PROJECT OF THE YEAR

Sponsored by



**WINNER:**  
**BALFOUR BEATTY CLG**

L-R: Allison Sedgwick, Doherty McGill, Gavin McGill and Jonathan Campbell.

The FINALISTS: Creagh Concrete for Circle Square, Manchester, A.G. Wilson for The Glenmachan Strategic Phase 1B Project, A.G. Wilson for Gifford Riverside Trail, Lowry Building & Civil Engineering for Lilley's Centra Petrol Filling Station, Dublin Rd, Enniskillen, Balfour Beatty CLG for Above Ground Installation (AGI) in Laughanstown Co Dublin and Shannon Valley Group for Site Clearance, Bulk Excavation and Land Reclamation Works at former C oras Iompair  ireann (CIE) Lands, Cabra, Dublin.

## Joint venture Balfour Beatty CLG was rewarded for its work in constructing an Above Ground Installation for Gas Networks Ireland.

It was presented with the Construction Project of the Year award by joint sponsor representatives Allison Sedgwick, Operational Marketing Manager for Mecalac Construction Equipment UK and Jonathan Campbell, Dealer Principal for Sleator Plant and Norwest Plant.

The event heard that the winning Project of the Year was a complex undertaking, involving a broad range of skills and exceptional management expertise. Covering 15,500 manhours, accident and injury free, the project was carried out

seamlessly and ahead of schedule.

The new Above Ground Installation was built on a brown field site and included all civil, mechanical and electrical works. Subsequently, 700m of 315mm PE outlet pipe was installed to connect the new AGI to the existing network, providing a critical boost to the existing gas infrastructure in Dublin.

This included an HDD underneath the busy M50 motorway at one of its widest points across the main carriageway and both slip roads and was approx. 250m long through brown granite. The solution developed jointly between Balfour Beatty CLG and Gas Networks Ireland was to install a 450mm carrier pipe across the motorway and install the PE through the pipe.

This involved a substantial site set up and site investigation prior to drilling and also the excavation of shafts either side of the motorway in excess of 8m deep in order to "pick up" the pipe once crossed over and return it to normal trench depth as quickly and compact as possible in order to return to normal trench depth; this included extensive trench support and development of temporary works designs.

Balfour Beatty and CLG Developments established the joint venture in 2011 to support Ireland's world class infrastructure by providing emergency response, maintenance and construction services to Gas Networks Ireland; the contract covers all aspects of gas activities for the whole of the Irish network.

## SPONSORS

### **Sleator Plant and Mecalac Construction Equipment UK**

**It's been a year of continued innovation for Mecalac Construction Equipment UK Ltd and also a celebration as they reached 60 years of backhoe loader manufacturing.**

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# CIVIL ENGINEERING COMPANY OF THE YEAR

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plc Specialist Construction Solutions



**WINNER:**  
**A. G. WILSON**

L-R: Joe Lenihan and The Team from A.G. Wilson.

**The FINALISTS: P&M Excavations, Lowry Building & Civil Engineering, L Loughran & Sons Contracts, EJC Contracts, Shannon Valley Group, Cole Groundwork Contracts, A.G.Wilson and Campbell Contracts**

**Family owned civil engineering contractor A.G.Wilson was presented with the prestigious Civil Engineering Company of the Year award by Joe Lenihan, General Manager of sponsors Groundforce.**

The event heard that this was a closely contested category, with high calibre entries, but there could only be one winner – A.G.Wilson, a company that has been delivering complex and challenging projects for more than four decades across a wide range of civil engineering contracts.

Since its humble beginnings, the company has diversified and grown as a main contractor on major works both here and

across other parts of the UK, as well as having gained extensive international experience completing projects in France, Spain, Germany and Morocco demonstrating that it is willing and capable to facilitate contracts anywhere in the world.

A.G.Wilson is also one of the leading fusion welding specialists in the UK offering a complete service in butt fusion welding of high-density polyethylene pipes. It differs from other companies in this field of engineering by specialising in a complete welding service of large diameter P.E. Pipes.

The company has invested heavily in the most technically advanced fully automatic butt fusion welding machines that provide

recorded fully traceable welding data for quality purposes.

A family owned civil engineering contractor originally established in 1979 by Bertie Wilson and later supported by his wife Shirley, the company became incorporated in May 2010 with new directors Derek Wilson and Richard Chambers joining in August 2015.

Celebrating 40 years in business, the company expanded in 2019 with appointment of a new quantity surveyor, graduate engineer, student placement, site supervisor and a skilled operative, underlining its strategy of continually seeking to develop its workforce as well as source new and emerging talent to join its diverse team.

## SPONSORS

### **Groundforce**

**Groundforce is a specialist equipment rental provider to the civil engineering, utility and construction sectors, dealing in the areas of excavation support, pipe testing, piling, trenchless technology and temporary bridges.**

It operates a fully supported service throughout the UK, Ireland and mainland Europe and remains at the very forefront of its industry, with a number of divisions that include Groundforce Shorco, Piletec, Stopper Specialists, Groundforce Bridge, U Mole, Shorflo and Groundforce Training Services.

Groundforce continues to invest heavily in acquiring associated businesses to complement its existing product portfolio; this ensures a good availability of reliable, high quality equipment can be offered to customers.

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# CONSTRUCTION COMPANY OF THE YEAR

Sponsored by



**WINNER:**  
**CREAGH  
CONCRETE**

L-R: Emma Blair, Paddy McKeague and Adrian Logan.

**The FINALISTS: Creagh Concrete, Tobermore, L Loughran & Sons Contracts, Lowry Building & Civil Engineering, Shannon Valley Group and Cole Groundwork Contracts.**

**Creagh Concrete was a big winner on the night for the second time in three years, being named Construction Company of the Year; the award was presented by Emma Blair, Regional Sales Director of category sponsors Close Brothers Commercial Finance.**

Over the past 43 years, Creagh Concrete has grown to become one of the most innovative manufacturers of concrete products and a leader in its markets for a diverse range of sectors throughout Ireland and the UK.

Privately owned by the McKeague family, the company now operates from five sites locally including its head office and largest manufacturing site in Toomebridge employing over 300 staff.

The company boasts the largest prestressed manufacturing plant in the UK. Creagh have

also established manufacturing bases in England and Scotland bringing the total employment to over 600.

The company is driven by innovation and dedicated to providing solutions to changing market needs and is committed to conducting its business with integrity, consistency and reliability. This is facilitated through constant product development, investment in state-of-the-art technology and the continuous training and development of all employees.

The current pace of change in offsite technology and the emergence of new construction options is unprecedented. Creagh Concrete is in that mix, representing a combination of innovation with a solid track record in offsite manufacturing.

Creagh are championing the use of precast concrete through the application of their Rapidres fastrack build system,

which is currently winning residential apartment projects of up to 22 storeys.

Rapidres is a fastrack offsite crosswall build system developed for residential projects, including apartments, student accommodation, hotels, social housing and custodial accommodation.

Rapidres crosswall technology delivers robust traditional style construction with the speed of a modular build for significant programme savings. Creagh design, manufacture and install the complete structure.

The total frame solution comprises of structural walls and solid or hollowcore flooring and construction speed is greater than alternative systems. Units are manufactured offsite ensuring the desired quality is met and can be left for direct decoration if required. M&E can be incorporated into the production process for all types of services.

## SPONSORS

### **Close Brothers Commercial Finance**

**Close Brothers Commercial Finance is a leading, independent provider of asset finance, invoice finance and asset based lending.**

It works in a range of industries, including the construction sector where it specialises in helping firms acquire both new and used equipment, and has expertise in refinancing existing assets to release vital working capital back into its customers' businesses.

With offices throughout Ireland, its local teams provide specialist knowledge, fast decisions and excellent service.



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# SPECIAL RECOGNITION AWARD

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**WINNER:**  
**JIM CAMPBELL OF  
CAMPBELL CONTRACTS**

L-R: Adrian Logan, Donal Campbell, Darragh Campbell and Conor Cole.

**Founder of Campbell Contracts Limited Jim Campbell was honoured for his life-time service to the industry, being presented with a Special Recognition award by Conor Cole, Managing Director of sponsors Cole Groundwork Contracts Limited.**

Jim Campbell started his career in 1965 driving a digger for his brother in law doing small scale contracts, but he quickly realised he had a real passion and skill in this profession and became well known for his talent, even carrying out demonstrations of machines for dealers in Ireland and the UK. He took a gamble in 1968 by buying his own machine and has



never looked back. He won his first commercial contract in the early 1970s, a contract that his company still holds to this day. Over the years, his business has gone from strength to strength and today it operates a 120-strong

fleet of trucks and excavators, as well as providing employment for almost 100 people. The company operates in a number of areas of the industry but is probably best known now for its expertise in

utilities contracting, having completed a wide variety of civil engineering projects throughout the UK and Ireland.

Campbell Contracts is very much a family run business, his five sons and one daughter all manage the business driving it forward with Jim still the Managing Director and although he has taken a step back from the daily running of the business he is still involved, and keeps an eye on all aspects of the business.

Jim has always been hard working, not afraid to get stuck in and completely devoted to his family and business. His employees hold him in high regard, some having served for well over 40 years.

## SPONSORS

### **Cole Groundwork Contracts**

**Cole Groundwork Contracts is one of the UK and Ireland's fastest growing groundworks and civil engineering companies providing services to some of the biggest named construction companies in the world.**

The company's impressive expansion had its beginnings back in 2005 when it consisted of a small team of professionals providing services to local domestic and commercial building contractors.

Initially operating as a sole trader, Conor Cole grew the business steadily and established a limited company in 2007. Since then it has gone from strength to strength and today it employs a large workforce on a variety of projects at home and abroad.



*Gordon Best, MPANI; Deirdre Mackle, Department for Infrastructure; Patricia Smith, Invest NI; and Simon McDowell, Kilwaughter Minerals.*



*Raymond Martin; Paul Atkinson of Ulster Shredders; Robert Stanley, Maw Engineering; Albert Magill, Avenue Recycling.*



*Jim Paul, Michael Bryson, Ben Scullion, and Finbar McGuigan, with MFL Plant.*



*John Wiles, Patricia Carmichael, Tony Neill and Gary Coburn, of Simply Asset Finance.*



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# CLOSE BROTHERS COMMERCIAL FINANCE OFFERS SUSTAINABLE FUNDING FOR COMPANIES ACROSS IRELAND

**Since Close Brothers Commercial Finance began operating in Ireland over ten years ago, we have been leading the way towards more sustainable funding for Irish SMEs. Our asset finance, invoice finance and asset based lending solutions offer firms across the country more flexibility in managing their cash flow.**

Today, with offices in Belfast, Dublin, Cork and Galway, and a wider team situated across Ireland, we are able to share our expertise more effectively than ever before. Our goal is to support businesses. We work in a range of sectors and appreciate the differences in the way businesses operate.

In construction and related industries, a common challenge is that working capital is locked up in machinery or vehicles. This often means that there is limited headroom to adapt, and whilst delivering business as usual may be achievable, it can be difficult or almost impossible to drive new levels of productivity without access to cash for reinvestment.

To grow and succeed, owners need to put time, experience and money back into their businesses, but how does a business with pressures on cash flow achieve this?

## Refinancing solutions

A refinancing solution can help. This type of funding gives you access to cash tied up in assets, such as lorries and trailers. At Close Brothers, we release working capital against the value of your asset and lease it back to you over an agreed period. This gives you immediate access to funding that might otherwise be inaccessible, and at the end of the agreed refinancing term, you own the assets outright again.

Our alternative finance options are designed to give you access to working capital without limiting access to assets or interrupting workflow. We can arrange for repayments to match income patterns (for instance, seasonal peaks and troughs) and, if you already have finance agreements in place, we can refinance existing debt to reduce monthly outgoings and ease cash





**Adrian Madden,**  
Head of Asset  
Finance Sales,  
Ireland

flow. We offer a flexible range of financing options tailored to your needs.

The Close Brothers team has comprehensive knowledge of the construction industry and extensive experience providing sustainable funding. We aim to give businesses growth opportunities. We can help you find an affordable way to secure the new assets you need to grow by arranging a bespoke refinance package.

**£3.4m refinance deal**

Last year, we secured a refinance solution for a construction company based in Ireland. Speaking about the deal, Head of Sales Ireland at Close Brothers Commercial Finance, Adrian Madden, said:

“The company contacted us because they were expanding operations into the UK and wanted to improve liquidity to support the changes. We suggested refinancing both unencumbered machinery and settling their existing leases with

small balances where the equipment had high market values.

“This structure was beneficial for several reasons. Refinancing releases funds back into the business without interrupting use of the asset, and because we approach each finance solution individually, reorganising old leases can make managing budgets easier.

“At Close Brothers, we can match repayments with income patterns, and will even take seasonal changes into account when structuring deals. This meant that the business could take on new contracts and invest in the equipment they needed with confidence.”

Whether you need to invest in new equipment, refinance old machinery, or free up cash to future proof your business, we can help.

**Close Brothers**

Close Brothers is a UK merchant banking group providing lending, deposit taking, wealth management services, and securities trading. Close Brothers Group plc is listed on the London Stock Exchange and is a member of the FTSE 250. Close Brothers Commercial Finance is a trading style of Close Brothers.

**IN CONSTRUCTION AND RELATED INDUSTRIES, A COMMON CHALLENGE IS THAT WORKING CAPITAL IS LOCKED UP IN MACHINERY OR VEHICLES.**

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Visit our website to find out more: <https://www.closecommercialfinance.ie/>



# JCB FINANCE DON'T MISS OUT ON ENHANCED TAX RELIEF

JCB Finance are urging customers who have made taxable profits not to forget about the temporary increase in Annual Investment Allowance (AIA) tax relief that was announced in the 2018 Autumn Budget.

The AIA was increased to £1 million per year until 1st January 2021 to help support British Businesses to invest and grow, by accelerating the relief that would normally be applied over several years.

Whilst it may seem as though January 2021 is still a long way off, depending a business's financial year-end, the cut off for benefiting from the increase can be sooner rather than later.

For example, if your financial year-end is March you will need to make the purchase(s) or enter into a Hire Purchase agreement before the 1st April 2020, otherwise the allowance available would begin to reduce and progressively revert to the £200,000, in essence you could end up paying more tax than is necessary!

Most businesses can claim the AIA against qualifying assets like plant and machinery or commercial vehicles placed on Hire Purchase just as if you had paid

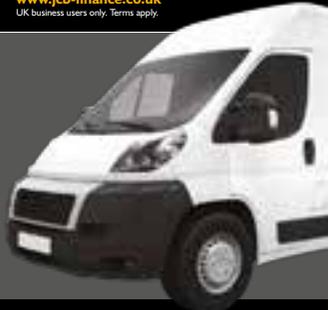


**What to do next?**

JCB Finance provides asset finance including Hire Purchase facilities for UK businesses but is not a tax or financial advisor – always seek advice from your accountant or tax advisor because every business' circumstances are different.

If you would like to discuss your planned purchases with JCB Finance and receive a no obligation Hire Purchase quotation, please call:

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MAKE ALL THE  
DIFFERENCE.**

A brief guide on a temporary increase to the Annual Investment Allowance tax relief available on purchases of plant, machinery, commercial vehicles including those purchased using Hire Purchase agreements.



cash so you can preserve your working capital and still benefit from the relief. Businesses are also encouraged to check out the lead times on orders of new plant and machinery because the relief is only available in the financial year that you

make the purchase. Get the timing of your order wrong and could be costly! JCB Finance's Finance Director Rob Heldreich says: "The temporary increase in the Annual Investment Allowance was a welcome boost for business when announced in 2018. Time

is running out to take advantage of this incentive to invest in plant and equipment. I would urge business owners to speak to their accountants and advisors to ensure they get the timing of purchases right to ensure they maximise the available tax savings."

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# SIMPLY GOES FROM STRENGTH TO STRENGTH SUPPORTING SMES IN NORTHERN IRELAND

**Simply, the SME funder, has had a storming nine months since it launched officially in Northern Ireland in April last year.**

From the very beginning it had ambitious plans for growth and now it has a team of seven people, all aiming to help the region's small and medium-sized businesses grow and prosper now and in the future. Recently three new area sales managers came on board –

Sean Darcy (ex Close Brothers, covering south west Northern Ireland); Grainne Williamson (ex Danske Bank, covering Greater Belfast); and Ross Ferguson (ex Evolution Funding, looking after vendor relationships) – all bringing a wealth of relevant and valuable knowledge to the existing team. In addition to this, Simply has now taken extra space in the Clockwise offices in River House in Belfast to accommodate this

expansion and to prepare for increased market share in 2020. As the first lender in a long time to properly commit to Northern Ireland by establishing a local presence here, Simply has been serious about supporting the local business economy since it started.

Firms here - with their growing need for finance - have welcomed Simply with open arms. It has completed over 300 transactions in the last nine months in the region, something that really puts it on the map.

The focus for the next 12 months centres around continuing to deliver an exceptional service to SMEs in the region, supporting them whatever next year may bring, as well as building on the success to date, increasing Simply's product

offering to SMEs and serving the whole of the market.

Gary Coburn, head of sales in Northern Ireland commented: "Small and medium-sized enterprises are the bedrock of our economy. In Northern Ireland, 75% of employment and turnover is provided by the 118000 SMEs that trade here. Businesses need a choice when it comes to funding and reliable lenders need to be able to provide facilities in line with their aspirations with a consistent level of service from application through to completion. We've built a successful business in Northern Ireland in a very short amount of time - Simply already has a strong reputation and therefore it has seen solid growth."

## Simply

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From L-R: Patricia Carmichael, Ross Ferguson, Gary Coburn, Sean Darcy, Grainne Williamson and Tony Neill.

Simply Asset Finance Operations Ltd is authorised and regulated by the Financial Conduct Authority (FRN 798195) for credit-related business (including hiring). Credit or hire promoted by Simply Asset Finance Operations Ltd is for the purposes of a customer's business only.

# Lagan to drive growth in Northern Ireland and Uganda

**Belfast based firm Lagan is to develop a \$246million business park in Uganda; the news was confirmed at the UK-Africa Investment Summit in London.**

The Government of Uganda has secured a £185million loan from the UK Government to support the delivery of the project, which will be implemented by businessman Kevin Lagan's group of companies. Ugandan President Museveni joined African leaders and delegations from 20 other countries attending the Summit, which was hosted by Prime Minister Boris Johnson.

Further development of the Kampala Industrial Business Park – supported by the Government's UK Export Finance (UKEF) department and spearheaded by Lagan – will create employment opportunities for 200,000 people in Uganda.

Support from UK Export Finance, the Government's export credit agency, has been vital in helping UK exporters gain a foothold in Africa.



**Minister for Africa Andrew Stephenson (3rd left) and Hon Evelyn Anite, Minister of State for Investment and Privatisation surrounded by Lagan Group and UIA officials break ground at Namanve Industrial Park.**

UKEF has provided close to £2 billion of government-backed export finance support for UK exporters in Africa since 2018, helping to secure UK business for infrastructure projects across Africa. This announcement is a major project for construction entrepreneur Kevin Lagan's group of companies with experienced staff, materials and equipment to be sourced in Northern Ireland.

The Kampala Industrial Business Park, at Namanve in central Uganda, was developed by the Uganda Investment Authority in the early 2000s as a central location for investors to locate factories, warehouses, and distribution centres. It spans an area near 900 hectares and houses some of Uganda's most prominent companies including

Roofings Steel Mill, Hima Cement, and Kyagalanyi Coffee.

Lagan has partnered with Ugandan company DOTT Services for the upgrade, which will see the construction of improved infrastructure including roads, water, electricity waste treatment facilities, sewerage and drainage networks and optic fibre networks.

Lagan Chairman, Kevin Lagan said: "Following the successful sale of our building materials business to Breedon plc in 2018, we have targeted a range of exciting new projects which support economic growth and infrastructural development nationally and internationally.

"We have a strong track record working in Africa and the upgrade of Kampala Industrial Business Park strengthens our footprint in the region and supports the regeneration of a very important area of Uganda.

"The UK-Africa Investment Summit reflects the commitment by the governments to strengthen economic ties between the UK and Africa and the Lagan team is delighted to play its part in this process, which not only supports our business, but is a welcome boost to the economies of both Northern Ireland and Uganda."

## Balfour Beatty Group tops Latest Contractor League Table

**Balfour Beatty took the top spot in December with three contract awards totalling £297 million, according to the latest report from Barbour ABI, the market leading provider of UK construction intelligence services.**

The award of the Midland Metropolitan Hospital in Smethwick, a project that was originally contracted to Carillion, contributed £267 million to their total.

Kier Construction and John Graham Construction were in second and third place for December 2019, with a total contract award value of £149 million and £117 million respectively. This month the top three contractors have been awarded a combined 17 projects at a total value of £563 million.

In November the top three were awarded a total of 15 projects valued at £781 billion. McLaughlin & Harvey also featured strongly in the list, coming in at No 15.

Balfour Beatty just pipped Galliford Try to the post for the top contractor in 2019 following a lucrative December. Balfour Beatty finished the year on a total of 47 projects with a combined value of £1.75 billion Galliford Try completed the year on 82 project awards at a total value of £1.7 billion.

The latest edition of the Top 50 League Tables published by industry analysts Barbour ABI, highlights the number and value of construction contracts awarded during November. This month shows that the combined value of contracts awarded to the Top 50 was £2.0 billion with a total of 104 projects.

Quarterly figures indicate that construction activity in the final quarter of 2019 was down compared to the previous quarter.

October-December 2019 saw a total contract award value of £9.2 billion to the top 50. This is a decrease of 9.8% compared with July-September 2019. There was also a decrease of 8.9% on the number of projects awarded in Q4 compared to Q3.

Tom Hall, Chief Economist at Barbour ABI & AMA Research said, "Interestingly this month, the top contract award for December was a project that had initially been awarded to Carillion back in December 2015. Activity numbers in both value and quantity were low in December; perhaps this is to be expected due to companies awaiting the outcome of the General Election, uncertainty of the Brexit outcome, and seasonal effect."



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Landmark off site sale for Hewden Crane Hire.



Flag-ship sales site in Leeds.

# EURO AUCTIONS

## EUROPE'S LEADING PLANT AND MACHINERY AUCTION SPECIALISTS

**In the last 21 years Euro Auctions has become Europe's leading auctioneers of construction machinery, agricultural equipment and industrial plant, as well as one of the top auction specialists globally, now conducts over 70 major unreserved auctions every year.**

Operating from 10 permanent auction sites in eight countries on four continents, and marketing equipment to buyers and sellers in over 95 countries around the globe, Euro Auction has built an enviable reputation on the international stage and is now considered to be a global market leader.

Auctions are no longer seen as a place to send low value items, clearing out the junk. Since the down turn in 2008, when OEMs stopped manufacturing new machines, auctions were the place where contactors, civils companies and hire specialists went to look for good, well maintained, late, low hours' machines with which to replenish their stock, with today the same holding true.

Now seen as 'one stop shops', big plant and machinery sales are like visiting super dealerships, where every kind of machine or piece of equipment can be seen in one place, offering for sale whatever piece of kit the buyer is searching for.

At the regular Euro Auctions sale in Leeds, repeatedly it is possible to see hundreds of multiples of the same machine or equipment, with multiple models lined up, ready for inspection. The various makes range in years,

varying in number of hours and number of owners, ready for inspection. This gives the buyer exceptional choice in one place, enabling those buyers to find machines that match their budget, and being able to buy that piece of kit in an unreserved auction, where, when the hammer is down, it's sold.

### Off Site Sales

In addition to its international success, what sets Euro Auctions apart from its competitors is the ability to effortlessly organise bespoke 'off site' heavy machinery sales, anywhere in the UK, as well as anywhere in the world.

The term 'off site' sale refers to an auction away from the infrastructure of the permanent sales sites that Euro Auctions operates from, selling instead from the client's premises, or yard, or at a neutral site, chosen for ease of access and infrastructure. Customers for 'off site' sales include owner operators retiring their businesses, plant hire company's rotating stock, liquidators forcing a sale, or contractors moving on surplus stock.

One recent landmark 'off site' organised by Euro Auctions, was the world's largest mobile crane sale, when Hewden Crane Hire went into liquidation, and stock of 127 mobile cranes were sold in six hours on the runway at the Newark Showground, with a final hammer of €32m (£28m). Rental companies also have strong relationships with specialists like Euro Auctions repeatedly trusting the reach, the customer base and the marketing power to attract buyers who

are prepared to pay decent prices for well-maintained stock, enabling them to raise funds to buy new, upgrading their inventory.

### World Class

What makes Euro Auctions so good at putting on a world class 'one off' sales, on a muddy farmers field, or a remote runway, whilst attracting an international audience? In simplistic terms there are five parts to the whole of any successful sale. First is inventory – valuing and cataloguing all equipment to be sold and deciding where to hold the sale.

In the case of Hewden and Hawk plant hire, the preparations included the repatriation of equipment that was out 'on hire'. Second is marketing - attracting buyers to the sale, marketing globally and securing registrations. Third is hosting the sale - hosting the physical sale on the ground, on the day, with bidders registering either on the day, or bidding world-wide via the internet. Fourth is financials - receiving money from buyers and paying the sellers. Lastly, shipping the equipment to the buyer, wherever that may be, anywhere in the world.

Want to experience a grand sale and see the Euro Auctions team in action? Every six weeks Euro Auctions hosts Europe's biggest plant auction at its flag-ship sales site in Leeds, where 5,000 + lots go under the hammer over three days, with one lot sold every 20 seconds and a hammer of over £40m. Now that is one sale worth visiting!

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# UPCOMING FEBRUARY AUCTIONS

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4<sup>TH</sup> FEBRUARY

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**DORMAGEN (DE)**  
12<sup>TH</sup> - 14<sup>TH</sup> FEBRUARY

**KISSIMMEE (USA)**  
12<sup>TH</sup> - 15<sup>TH</sup> FEBRUARY

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HEAVY EQUIPMENT AUCTIONS

**BRISBANE (AU)**  
20<sup>TH</sup> FEBRUARY

**ALAN OATEN PLANT, SOMERSET (UK)**  
20<sup>TH</sup> FEBRUARY

**DROMORE (NI)**  
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# Komatsu Gears Up For Busy 2020 Model Arrivals

**Komatsu distributor McHale Plant Sales is clearing the way for what its sales director, John O'Brien says will be the arrival of 'a slew of new 2020 model introductions'.**

Headlining the new models will be the arrival in Spring of an all-new PC30, a 3.5-tonnes battery powered mini excavator that balances power and performance where it really matters with climate-friendly rechargeable electric technology.

Like all battery-powered vehicles, including the family car, the new PC30, with its eye-catching design features, will deliver rechargeable, foot-to-the-floor energy tagged to sound-free operation.

New to the Komatsu stable of mini excavators will be the PC26MR-5 and PC58MR-5, units likely to appeal to the utilities sector. Also due next year is the 8-tonnes WA97S-8 backhoe loader.

Further up the scale, two expected newcomers will be the mid-sized PC290LCi-11



**The PC30 battery powered mini excavator and WA475-10 wheel loader – two of the new 2020 arrivals from Komatsu in Ireland.**

and PC360LCi-11 crawler excavators. The 30 and 40-tonnes machines will come fully factory-installed with Komatsu's latest integrated intelligent Machine Control system and will include stroke sensing hydraulic

cylinders for the boom, arm and bucket, developed over two machine generations for precise real time bucket edge positioning.

Also on their way are three new wheel loaders. One, a WA80-8 mini wheel loader and another, a WA475-10 model – perfectly configured for applications that call for a medium-range machine with the capacity, comfort and ease-of-handling needed for construction, warehousing and agricultural use. The next generation 24-tonnes unit is the first to feature the Komatsu-developed Hydraulic Mechanical Transmission (KHMT) and is a versatile performer with an EU Stage V engine.

A third new wheel loader will be a revised WA800-8 model in which greater levels of comfort and Stage V technology engine will be amongst its key features. The first model upgrade since 1999, this latest 100-tonnes unit comes with a 20-tonnes bucket capacity.

Another heavyweight due to make its way into Komatsu's 2020 catalogue is a HD785-8 rigid truck. Aimed at quarry owners, aggregates producers, large civil and ground works contractors, this giant 100-tonnes rigid comes with all of the material strength, ease-of-maintenance features and build-quality elements required to make it the stand-out machine of its class.

## Quarry Workers Five Times More Likely to Die From COPD

**A quarry worker is five times more likely to die from Chronic Obstructive Pulmonary Disease (COPD), than a worker in the general population.**

These are the shocking figures which were recently communicated during 12 workshops delivered by HSENI Inspectors to the Quarry Industry across Northern Ireland.

Workshops were hosted by the Quarry Industry and supported by

the Mineral Products Association and the Institute of Quarrying.

These workshops are part of HSENI's focus on occupational health in the quarry industry and highlight the potential for quarry workers to be robbed of their old age and retirement. Workshops were attended by approximately 150 quarry workers from around 80 quarries.

Workers have been instructed on the importance of taking protective measures to

look after their lungs. Whilst COPD is the main killer, other respiratory diseases can stem from exposure to dust such as silicosis, lung cancer and impact on other vital organs.

Safeguarding health requires cooperation between the employer and employee with health surveillance and good communication between both parties essential.

HSENI Principal Inspector Ken Logan said: "Industry

have been working on the preparation of a strategy to deal with dust and limit the exposure to the workforce. It is now time to have these strategies fully implemented.

"The headline above is clearly not acceptable and more needs to be done to reduce the incidence of ill-health. With the help of industry the challenge is to turn this around within the next two years."

HSENI will shortly be launching an inspection initiative where inspectors will be carrying out site visits to ensure effective strategies are being implemented by the industry.

## Operator Hails JCB 150X as the "Best Machine In Over 40 Years"

**One of the first new JCB 150X machines sold in Northern Ireland has been hailed as "the best machine in over 40 years" by an operator at a leading agricultural and groundworks contractor.**

Purchased by County Down-based J. D. O'Hare, the 150X is part of JCB's 13-16 tonne range of X Series crawler excavators launched last year. Supplied by Dennison JCB, the new 150X model will be used on a range of drainage, site works and general farm work.

J. D. O'Hare Director, Brian O'Hare, said: "We chose the JCB 150X because of the bigger undercarriage which other machines in its class just don't have. This offers more

stability and greater ground clearance, particularly in wet conditions. The machine also has bigger pumps and more power so really has the edge over the competition.

"The comfort levels are great. It is also good on fuel economy and user-friendly. Our operator is very happy with the machine and says it's the best machine he's worked on in over 40 years in the industry."

The JCB 150X, along with its smaller 131X and 140X stablemates, join the existing 20-22-tonne X Series models launched last year and are more productive, durable, quieter and more comfortable than their predecessors.

The new JCB 150X shares many of the same quality materials and proven components as its highly acclaimed 20-tonne stablemate. Both benefit from a proven undercarriage with fully welded X frame construction, low in-cab noise of 67dB(A) and spacious JCB Command Plus cab.

Established for over 50 years, J. D. O'Hare is an agricultural and groundworks contractor based in Co. Down. The new JCB 150X joins a JS160 tracked excavator, 2 JS145 tracked excavators, 412, 416 and 419 wheeled loading shovels, a 526 Loadall telescopic handler, a 3CX Contractor and a 3CX Super in J. D. O'Hare's impressive fleet of JCB machines.

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# RITCHIE BROS. CELEBRATE A YEAR AT MALTBY SITE

BY PETER HADDOCK

On 11th February 2020, Ritchie Bros. will be holding its next auction at its new facility at the old Maltby Colliery near Rotherham. The auction marks a year since the business moved to its permanent home allowing it to enhance the services it now offers customers across the UK and Ireland.

At the time the move was announced in January 2019, Rupert Craven, Sales Director for Ritchie Bros said: "The new Maltby site will be better equipped for future growth and will have great additional advantages for our customers."

A year on, I spoke to Rupert about what had changed and asked him to explain the additional advantages he first spoke about.

"Having a permanent home means we can now offer customers support throughout the year and choose the optimum timings for the six live auctions we now run from Maltby annually. We also have a huge 26-acre site that we are developing into

what will be a state-of-the-art live auction and equipment care facility.

"In our first year, we have already had great use from the site, holding six auctions in 2019 and thanks to the continuous improvement, we were able to bring back ramping at the last auction in November.

"One of the biggest differences, however, has been the positive feedback we have had from customers and buyers alike. With one of the clear benefits being their ability to deliver equipment to our secure location at any time of the year, storing it there for the next auction or to be sold through our online channels. Similarly, for buyers, the site is now being used to store purchases, particularly for those that ship equipment overseas, as they are now benefitting from optimising their UK purchases and shipping costs.

"Because we have a permanent home, we are also able to increase the number of smaller equipment we sell, like power



Newer machines like these Volvo A30G ADP's are now being sold online through the Ritchie Bros Marketplace E platform.

tools and a full range of accessories that plant and equipment buyers need, including attachments. With this equipment sold in timed auctions, the day after our main event, buyers can now purchase what they need to support the equipment they purchased the day before, which is great.

## Online platform sales growth

With more and more equipment now purchased online, I spoke to Rupert to understand how this part of the Ritchie Bros business has been growing and his expectations for 2020. "I can definitely see 2020 being a transformative year for the online buying experience, with our approach to new technology and inspections providing more information, clarity and buyer confidence online.

"What is also interesting about online is that more businesses are now recognising it as a platform where they can sell a full range of equipment, especially newer

**WE CAN NOW OFFER CUSTOMERS SUPPORT THROUGHOUT THE YEAR AND CHOOSE THE OPTIMUM TIMINGS FOR THE SIX LIVE AUCTIONS WE NOW RUN FROM MALTBY ANNUALLY. WE ALSO HAVE A HUGE 26-ACRE SITE THAT WE ARE DEVELOPING INTO WHAT WILL BE A STATE-OF-THE-ART LIVE AUCTION AND EQUIPMENT CARE FACILITY**



models. So, as 2020 progresses, I think we will see a lot of younger, low hours units and even new equipment from dealers arriving online. This is because of the reach online delivers, as it transcends the local market, opening up to buyers across the world.

“For example, we are already seeing growth in this approach in 2020 and taking to a lot more people who want to compare different routes to market. And of course, with our online auction and selling platforms like Marketplace E, one of the big attractions is that sellers can put a reserve on the machine. Using these platforms, businesses and individuals can also sell equipment directly from their yards, eliminating the need to transport units to our Maltby site. Equally, if you are ‘open to offers’ this also means you can better gauge the demand for such products with the option of a more negotiated style sale.

“And with the new majority Government promising billions of pounds for an ‘Infrastructure Revolution’ in the March

budget, there is set to be a healthy demand for a whole range of equipment. So as we now enter the next purchasing cycle, for those buyers and sellers alike that want to understand more about equipment values, there is now a simple way of doing this by registering for free on our website [www.ritchiebros.com](http://www.ritchiebros.com) This is because as we put all of the values achieved from our past auctions on the site and with our mobile app you can also see what is for sale when you are on the move and bid accordingly.

“For example, all the values from our November 2019 auction at Maltby are now available. At the auction, we sold 1,243 Lots of which 600 were sold to overseas buyers with 294 buyers winning lots on the day. The biggest star of the auction was a 100 tonne 2004 Liebherr which took the high-value crown, selling for £175,000. And in other machine categories, we saw a 2018 Hitachi ZX135US-6 excavator, sell for £69,000 and a Cat 2015 950M wheel loader sell for £91,000.

“We also witnessed a clear uptake for older more vintage equipment heading to North Africa. This was particularly the case for wheel loader and ADT models that have less technology on them, with buyers continuing to seek out and pay a premium for these units. So, as we approach the first auction of the year 2020 is already set to be a busy year both at Maltby and online.”

# HAE EHA SEEKS NEW CEO AS INDUSTRY STALWART STEPS DOWN



Graham Arundell,  
Chief Executive  
Officer of the Hire  
Association Europe  
(HAE) and Event Hire  
Association (EHA).

**Graham Arundell, the Chief Executive Officer of the Hire Association Europe (HAE) and Event Hire Association (EHA), the UK's leading trade associations for the hire industry, is standing down after 13 demanding years at the helm.**

Having joined HAE in 2007, Mr Arundell is credited with turning around the fortunes of a faltering organisation which had previously been beset with various challenges including declining membership and funds. He led a dramatic turnaround in the organisation through a series of measures all aimed at making HAE more fit for purpose and relevant to the membership. This included the creation of EHA as a separate entity, a complete rebranding of HAE to a more modern identity, and his biggest achievement was reversing the financial fortunes of HAE enabling it to purchase in 2019 the premises it and EHA had previously rented.

During his tenure, HAE and EHA have introduced new member services, widening existing provisions to include more member benefits and redesigned SafeHire to make it fit for purpose for the membership. These member services encompass everything from insurance, health and safety certification to additional training services. His creation in 2009 of EHA facilitated for the first time, a dedicated organisation to represent hire companies and suppliers associated with events or working within the events sector. In addition, Mr Arundell also led the development of the Association's SafeHire and HITS schemes into the industry - now leading accreditations for the hire and construction sectors.

Graham commented: "I

was advised at the outset that the role would be challenging, and that was part of the attraction. It's certainly lived up to that but I've had some great experiences and opportunities meeting lots of people along the way that will remain life-long friends."

Brian Sherlock, HAE Chair, commented: "Graham has not only made a valued and sustained contribution to the HAE, he has also had a significant influence within the hire sector. His drive and relentless enthusiasm coupled with strong leadership and networking skills has driven real change within the Association - on behalf of the former and current Directors of the Tool & Equipment, Event Hire and Supplier Boards, thank you."

On his retirement, Mr Arundell plans to spend time renovating a new property in his home village of Scruton, North Yorkshire, having developed several others nearby over the years. He has also agreed to carry on as a consultant with HAE EHA for up to 12 months to help ease the transition period under the new CEO, and additionally he will retain his role as chairman of another certification organisation within the print industry. The HAE EHA stalwart will also continue to support the organisations as they seek UKAS accreditation for the newly formed Certification Services.

Graham added: "I have thoroughly enjoyed the role at HAE EHA and although it has been very demanding, it's been extremely rewarding as well. I've found the hire sector a really interesting and welcoming industry and will genuinely miss the people and the job."

Mr Arundell stands down at the end of April 2020 and the search is now on for his successor. Applicants are sought who have a hire background, as well as experience working with a trade association. Strong interpersonal skills are also a prerequisite and an ability to provide strategic direction and common sense in equal measures are a must!

## CEO Job Spec

Anyone interested in applying for this prestigious role is advised to contact Board Chair, Brian Sherlock, for more information by emailing him at [brian.sherlock@hae.org.uk](mailto:brian.sherlock@hae.org.uk)

The logo for Hire Awards of Excellence, featuring the letters 'Hae' stacked above 'eHa' in a white, bold, sans-serif font.

Hire Awards of  
Excellence

2020

# HIRE AWARDS OF EXCELLENCE

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# Nominations Now Invited for CPA Stars of the Future 2020 Awards

**The Construction Plant-hire Association's (CPA) Stars of the Future awards scheme is being expanded in 2020 with both national and regional awards for Plant Mechanics, Plant Technicians, Lifting Technicians, Plant Operators and Hire Controllers across the UK.**

Stars of the Future nominations are invited from plant-hire companies, manufacturers, contractors, suppliers and others operating in the construction plant sector and following the judging process, winners will be announced at the Stars of the Future awards ceremony being hosted at the Heart of England Conference and Events Centre in Fillongley near Coventry on Wednesday 10th June 2020.

Stars of the Future is a national awards scheme for apprentices and trainees in the construction plant-hire industry, organised by the CPA, the leading trade association for the plant-hire sector in the UK. The CPA has over 1,700 members who supply 85% of hired plant to the construction industry.

Traditionally, Stars of the Future has rewarded Plant Mechanics but the scope of the 2020 event is being extended further. There are now a total of five categories, with national and regional awards for Plant Mechanics (Level 2), Plant Technicians (Level 3), Lifting Technicians, Plant Operators and Hire Controllers. These categories reflect the key occupations in the plant industry, and correspond with apprenticeships that are available, including new 'Trailblazer' apprenticeships in England.

Kevin Minton, CPA Chief Executive said: "Stars of the Future recognises the UK's most



promising apprentices and trainees in the construction plant sector and the awards scheme is now in its eighth year. Each year it has grown in stature and the 2020 event promises to be even bigger and better than ever with more awards than ever before. We'd like to urge employers and companies in the construction plant sector to nominate apprentices and trainees who they believe should be recognised as stars in the making."

Stars of the Future winners will be in contention for a number of prizes. Last year Plant Mechanic winners won Snap-on tool kits and other prizes included an all-expenses paid trip to Germany to visit a Liebherr crane manufacturing plant for the CPA Lifting Technician Star of the Future winner.

*To qualify for a CPA Stars of the Future award, applicants need to be:*

- Employed and working on one of the listed occupations at the appropriate level;
- On a recognised apprenticeship or a formal training programme of at least 12 months duration for the occupation;

- Working towards or hold a relevant NVQ, SVQ or other form of formal occupational competence-based qualification;
- On a formal training programme with an appropriate length of off-the-job training.

*For specific occupations, nominees need to be:*

## **Plant Mechanic Level 2**

- On a recognised apprenticeship or a formal training programme of at least 24 months duration.

## **Lifting Technician**

- On a recognised apprenticeship or formal training programme of at least 18 months duration for the occupation;
- Operating either a tower, crawler or mobile (wheeled) crane which forms a major element of the apprenticeship or training programme, supplemented by slinging and signalling activities.

## **Plant Operative**

- Operating at least two types of ride-on construction plant\* which forms a major element of the apprenticeship or training programme. (\* Excludes mobile, crawler or tower crane operations as covered by the Lifting Technician Award.)

**Closing Date** - The closing date for nominations is Thursday 9th April 2020.

Nomination forms are available on the CPA website at

<https://www.cpa.uk.net/starsdownloads/>

## HAE and Hire Industry Team Up To Tackle Digger and Dumper Safety Issues

**Hire Association Europe (HAE) has joined forces with Travis Perkins Plc and other industry partners to set up a working group aimed at improving the safety of digger and dumper operations on construction sites.**

Investigations by Travis Perkins suggested that the risks posed by diggers and dumpers to users and others were a serious industry-wide issue. A tragic accident involving a dumper in 2018 proved the catalyst for the initiative to form the Digger and Dumper Operational Safety Round Table.

Overseen by HAE, the Association's members under the umbrella of the Safety Round Table will focus on improving the recording of incidents, reviewing standards, engaging with manufacturers and making the sector aware of potential issues.

Latest figures reveal that there is at least one accident involving a digger or dumper each week on sites in the UK, with the majority caused by unstable ground or unsafe working – an industry challenge that must be met head on by all stakeholders if the frequency of incidents is to be reduced, according to Frank Elkins, Chief Operating Officer at Travis Perkins.

HAE Technical Health & Safety Group will be responsible for assessing the information gathered from members in an established, systematic format that will enable the industry to respond to trends, review frequency, determine the root causes and relevant factors that contribute to incidents involving diggers and dumpers. It is anticipated that examining and interpreting this data will help the new working group improve safety for those operating diggers

and dumpers by suggesting minimum safety standards that all businesses can support, through more awareness, education and training.

The working group also plans regular and meaningful dialogue with manufacturers to get them on board, such as incorporating agreed safety features, which will be key to ensuring that hire suppliers and customers are on the same wavelength when it comes to future equipment design.

Explaining the initiative, Frank Elkins said: "Hire companies sharing best practices and initiatives amongst each other can lead to a best in class site hand over to ensure operational risks are minimised.

"Key plant manufacturers coming together and agreeing improvement in standards of the safety equipment and

devices on these machines could lead to a significant reduction in these types of incidents. There would obviously be a cost to these improvements which the hire industry should be willing to bear."

Paul Gaze, HAE Commercial Manager, added: "By working together to gather reliable data we can agree a framework, including training and education, that will further improve safety standards by ensuring that operators are fully competent handling this machinery and are aware of the risks associated with their actions.

"We are looking for interested parties to volunteer to join the group and also meet up either face-to-face or using technology. Please do get in touch if you'd like to contribute."

For more details visit [www.hae.org.uk](http://www.hae.org.uk)



# CITB NI

## Construction Industry Training Board NI

As an Industry Training Board and Sector Skills Council our role is to encourage the adequate training of those employed or intending to be employed in the construction industry and to improve the skills and productivity of the industry in Northern Ireland.

We provide advice, courses and grants for training to help construction companies improve their skills to increase their competitive edge.

**To find out more contact us**

**028 9082 5466**



[www.citbni.org.uk](http://www.citbni.org.uk)



## CONSTRUCTION INDUSTRY TRAINING BOARD NI

# DELIVERING RESULTS FOR CONSTRUCTION TRAINING

**CITB NI are focused on driving investment in skills and training that a growing construction sector requires and offer key initiatives to help the industry train.**

CITB NI are focused on skills and training and work with contractors and professional and trade bodies to support training initiatives and skills development for the overall benefit of the industry.

### Training Grants

The long-established training grant scheme is very popular and CITB NI offers direct grants to registered employers to support a wide range of training and qualifications for employees working in Northern Ireland.

Barry Neilson, CITB NI Chief Executive said, "We encourage CITB NI registered employers to undertake training and make use of our grant scheme to help improve skills within the workforce.

The training is not limited to just the construction trades, it also includes administration, supervision and management training.

The training grant funds are easy to claim, with employers encouraged to claim online via our website [www.citbni.org.uk](http://www.citbni.org.uk).



We introduced a new apprenticeship training grant scheme two years ago and over three hundred apprentices have entered the industry as result.

Currently £6,500 can be claimed for a fully employed apprentice over a 3-year period alongside a £1,500 grant available from the Department for the Economy for employers who take on an apprentice from the very start right through to completion of NVQ Level 2 and 3."

### Training Programmes

CITB NI are currently working in partnership with Inspire Workplaces to offer a range of construction sector focused awareness raising courses including Mental Health First Aid, Mental Health Awareness, Bereavement and Loss and support for those with addictions.

Programme detail and booking is available on CITB NI website [www.citbni.org.uk](http://www.citbni.org.uk)

We support other training which is delivered via our Mobile Training Unit, Scaffolding Courses, VET 360 virtual environment training, NVQ Level 4 Site Supervisor and specialist short courses often delivered in partnership with industry.

### Apprenticeship Endeavour Award

CITB NI and Radius Housing are working in partnership to award £500 to a construction craft apprentice who has overcome a significant adversity to allow them to successfully complete their training programme and achieve a construction qualification at NVQ Level 2 or Level 3.

The Apprenticeship Endeavour Award applies to those who undertook their training between September 2017 & August 2019. The competition is now open for entries and will close on Friday 14th February 2020.

For further information log on to <http://www.citbni.org.uk/Endeavour-Award.aspx>

### Business Improvement Events

CITB NI's business improvement seminars and workshops help local construction employers develop skills in key business areas.

Topics include Digital Marketing & Social Media, GDPR, Legislative Changes, Emerging Technologies and BIM.

The seminars are held in local towns and cities across Northern Ireland to ensure convenience for all and employers also get chance to hear the latest information on CITB NI training initiatives, grants and funding.

Led by industry experts, the Business Improvement Seminars are both informal and easy to book and we encourage employers to attend to help develop their skills which will help develop their businesses.

Booking is easy, direct through Eventbrite links for each event. See table below for all relevant dates and venues and we look forward to seeing you there. For more information log on to our events page – [www.citbni.org.uk/events](http://www.citbni.org.uk/events)

Date	Venue	Business Improvement Event
19/02/20	CITB NI	Tendering in the Public Sector Construction Market Workshop
26/02/20	Catalyst Inc, Derry/Londonderry	Legislative Changes
11/03/20	Canal Court Hotel, Newry	GDPR & Cyber Security
01/04/20	Killyhevlin Hotel, Enniskillen	Introductory Digital Marketing & Social Media
22/04/20	Silverbirch Hotel, Omagh	Emerging Technologies
20/05/20	Clayton Hotel, Belfast	Advanced Tendering in the Public Sector Construction Market Workshop
03/06/20	Craigavon Civic Centre, Portadown	BIM for Small Construction Businesses
17/06/20	Signal Centre, Bangor	Advanced Digital Marketing & Social Media

# Brand new Mobile Training Unit for the local Construction Industry

**CITB NI have launched a brand new, state of the art Mobile Training Unit to help facilitate construction training, education and careers promotion for the Northern Ireland construction industry.**

The unit will provide short duration training such as manual handling, working at heights and general health & safety on site to CITB NI registered employers, meaning minimum disruption to work whilst also helping employers train their staff.

Whilst training on the move is not a new concept for CITB NI this upgraded unit is more compact and flexible meaning more locations can be accessed for training regardless of size. The expanding floor space and interactive multimedia system will help facilitate training in a traditional classroom environment whilst onsite.

The Mobile Training Unit will also be used to facilitate CITB NI's careers strategy which aims to promote construction as a career option to young people, schools, colleges, parents and teachers. Barry Neilson, CITB NI Chief Executive said, "Our brand-new



**Sandra Overend Henry Brothers and Barry Neilson, Chief Executive CITB NI launching the brand new CITB NI Mobile Training Unit at Henry Brothers site Magherafelt.**

Mobile Training Unit will help expand our training facility to local construction companies across Northern Ireland.

"We fully appreciate that time away from construction sites for training is time away from the job. Bringing the fully functional training unit to the site helps alleviate this, as well as encouraging the industry to train and be fully competent in all aspects of health and safety.

"Henry Brothers in Magherafelt are the first of our registered employers to use the unit on their premises. We are also looking forward to using the unit to help encourage construction as a career choice and are already utilising it at various events throughout NI Apprenticeship Week in February."

David Henry, Managing Director of Henry Brothers added, "Given Henry Brothers' commitment to upskilling our workforce we are delighted to host the very first session of training to be delivered by CITB NI's new and enhanced Mobile Training Unit. This facility will enable us to meet our core strategy of investing in people development.

"The training delivered by the CITB NI professionals on board the Mobile Training Unit enables our employees to participate in essential training on site and is a fantastic resource that we will continue to utilise into the future."

**CITB NI Registered employers can book the Mobile Training Unit free of charge by phoning 028 9082 5466.**

# First ever local Women in Construction Summit 2020



**Sarah Travers pictured with Maria Bradley, Gilbert Ash launching CITB NI's first ever Women in Construction Summit in March 2020.**

**CITB NI, the industry training board for the construction industry, are hosting their inaugural Women in Construction Summit to be held in Belfast on Thursday 5 March 2020.**

With a view to inspire change and shatter stereotypes the Women in Construction Summit will be a full day of inspirational stories, business advice and career development for women currently working in the construction industry, those thinking of joining and for employers who support diversity or best practice in the industry.

Barry Neilson, Chief Executive CITB NI said, "We are delighted to host our very first Women in Construction Summit in Northern Ireland and looking forward to an enjoyable and entertaining day with women working in the industry, those interested in joining and employers and HR professionals who work with and support women in the industry.

"With an ageing workforce, a skills shortage, and the increasing use of new technologies, there has never been a better time to

encourage more diversity in the construction industry. Increasing the talent pool and making it easier for women and other underrepresented populations to not just join the industry but to remain in the industry, is common sense for any employer.

"Given that it has been proven that more diversity in the workforce and particularly in leadership positions, can lead to higher profits and more innovation, it makes good business sense too. We look forward to a great event and we hope this summit will be the first of many on a local level."

Hosted by Sarah Travers and featuring leading industry professionals from local construction businesses such as Farrans, Gilbert Ash, Graham, Henry Brothers, White Ink and Turner & Townsend, the Women in Construction Summit 2020 will highlight inspirational stories, provide thought-provoking tips on career management, help identify role models and provide an opportunity to expand professional networks.

**The Women in Construction Summit will be held on Thursday 5 March 2020 and booking is now open <https://www.eventbrite.co.uk/e/women-in-construction-ni-summit-2020-tickets-71656038139>**

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# BT JENKINS ADDS TO SANDVIK FLEET TO PRODUCE 'CLEAN' PRODUCTS

Offering earthmoving, recycling and plant hire services throughout Devon, Cornwall, Somerset and Dorset, Exeter based BT Jenkins Ltd has emerged as one of the leading material handlers and processors in the region. In order to continue to offer premium services at competitive prices, the company has added to its extensive fleet of Sandvik mobile crushers and screeners acquiring a new QE342 scalper.

Why BT Jenkins is so well thought of is an easy question to answer for Russell Lowton, operations manager. "We believe our hands-on personal and professional service is a major reason why we receive a large proportion of our business through repeat enquiries from regular clients. Directly employed managers and staff offer the necessary qualified skills, experience and knowledge to deliver projects safely, within program and to budget."

One area in which BT Jenkins thrives and has developed an excellent reputation is in the crushing and screening of primary and recycled aggregates. The company undertakes these activities both at its own recycling facilities and on the site of its clients. "We operate modern, well maintained mobile crushers and screeners with the ability to provide excellent service and competitively priced materials to our clients," says Russell.

BT Jenkins' new Sandvik QE342 scalper is processing material that has been crushed by the company's existing Sandvik QJ241 jaw crusher.

"We changed from a different manufacturer when we bought the QE342 and one of the reasons was that we wanted a very clean product to feed directly into our crusher. We



have the machine configured with fingers to scalp oversize, 100mm impact plate, onto 40mm tines, then a 12mm x 100mm slotted mesh on the lower deck to remove the the fines," says Russell.

Even though the QE342 is a relatively recent arrival, Russell has nothing but praise for the new Sandvik machine: "We've been impressed by its ability to process damp and mixed material due to its long decks and the throw from the screening decks. This provides a good and clean product to feed directly into our crusher (a Sandvik QJ241 tracked jaw) to produce 6F5 recycled aggregate."

Russell further explains other benefits gained for BT Jenkins in choosing a Sandvik machine. "We chose Sandvik due to the excellent back up they provide and we have experienced with our existing Sandvik crushers and screens."

Commonality of parts and services were

also a major fact when choosing the Sandvik machine. "All our crushing and screening plant is now Sandvik. This means our operators are familiar with the kit and this cuts downtime which costs money. Having one machine down, or not fully operational, would be a major problem. Our operators like the kit and the simple read out means they know exactly what is happening."

Reinforcing Russell's comments about Sandvik customer support, a Sandvik engineer was on site at the beginning to make sure everything was working as it should be. "We have excellent lines of communication and back up from Sandvik. We use them for all our servicing and repairs; it is this service in the field that made the decision to buy the screen from Sandvik an easy one. Reliability has been excellent. We like to use high end kit and Sandvik mobile crushers and screens fit in with our existing equipment."



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# MID & EAST ANTRIM COUNCIL PUTS ITS TRUST IN NINE NEW MERCEDES-BENZ ECONICS

**Mid and East Antrim Borough Council chose the Mercedes-Benz Eonic when purchasing refuse collection vehicles for the first time.**

The nine 6x2 Eonic 2630 L models were supplied by dealer MBNI Truck & Van, via specialist municipal provider RD Mechanical Services – both are based in Newtownabbey.

The trucks are powered by 7.7-litre in-line six-cylinder engines which transmit their 220 kW (299 hp) outputs via six-speed Allison automatic gearboxes, while rear-steer axles provide optimum manoeuvrability. They are fitted with Dennis compactor bodies and Terberg lifters.

Mid and East Antrim Borough Council was formed in 2015, following the merger of three former local authority areas. The new body inherited a mix of vehicles of various sizes, configurations and ages.

Waste Operations Manager Neil Patrick is overseeing the process of modernising the fleet, and the arrival of the new Eonics represents a major step in the right direction.

“Some of the older trucks we had on the fleet were rather long in the tooth but these Mercedes-Benz trucks will bring a range of benefits,” he asserted. “I know from experience of having operated Eonics in the past that they are extremely reliable, while the design of the cab means they offer excellent levels of comfort, ease of use and safety for our crews and other road users.”

The Eonic’s air-conditioned, low-entry cab is easy to access and walk through, enhancing health and safety for operatives. The deep, wraparound windscreen provides a benchmark level of direct vision which helps to protect vulnerable road users. The vehicle also comes with a standard-fit armoury of driver assistance systems which exceed legislative requirements.

To these, Mid and East Antrim Council has added the optional Sideguard Assist system. This employs two short-range radar sensors mounted on the passenger side of the vehicle, which support drivers when making left turns or changing lines in congested areas, by triggering optical and acoustic warnings to alert them to the presence

of cyclists and pedestrians alongside. “The system is absolutely essential when operating in narrow streets which are often lined with parked cars,” said Mr Patrick.

The trucks are now operating in and around the towns of Ballymena, Carrickfergus, and Larne, collecting household waste and organic recyclables. They have joined a fleet which now extends to 32 refuse collection vehicles.

“We’re delighted with the Eonics,” Neil continued. “As well as being reliable and safe, the fact that they have replaced older vehicles which did not meet the latest emissions standards means they are also contributing to our efforts to minimise the effect of our operations on the local environment.

“We’ve been impressed too, with the customer service from Mercedes-Benz throughout the acquisition process – MBNI Truck Sales Manager Sean Clarke and Sales Executive Paul McCrory, as well as Mercedes-Benz Trucks UK Municipal Specialist Philip Chance, have been extremely attentive and helpful, and worked closely with RD Mechanical to deliver vehicles which are perfectly specified for our needs.”



*Standing guard: From left: Sean Clarke of MBNI Truck & Van; Philip Thompson, Director of Operations at Mid and East Antrim Council; Mayor Maureen Morrow; Alastair Calderwood of RD Mechanical Services; and Neil Patrick, Waste Operations Manager.*



Showing the way: Mid and East Antrim Mayor Maureen Morrow, and members of the refuse collection team.



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# LOWMAC EXPANDS **LIEBHERR** FLEET WITH UK'S FIRST A 914 MATERIAL HANDLER

Lowmac Waste and Recycling has become the first UK operator to bring the new Liebherr A 914 material handler into service at its materials recycling facility in Ayr, Scotland.

The A 914 will join a fleet of dedicated material handlers from Liebherr and will be used to sort and load the large volumes of mixed waste and recyclable materials that are managed on the site.

The 19-tonne material handler carries a 9m boom and dipper combination and is powered by a D924-FPT Tier IV compliant 4-cylinder diesel engine designed for Liebherr which delivers 143hp at 1800rpm. The machine's

compact overhang minimises the risk of damage to either the counterweight or objects around the machine.

#### Heavy-duty

The purpose made chassis carries a pair of stabiliser legs to the rear with a heavy-duty blade to the front. A set of 8 solid tyres with intermediate rings and a comprehensive package of sturdy galvanised steps complete the chassis specification.

As standard the machine comes with a hydraulically elevating cab which offers almost 3m of elevation, ideal for loading bulk tippers and walking floor trailers. The ergonomically designed cabin means all

the controls are laid out to hand and an integrated colour touchscreen provides information within easy reach of the operator. A sturdy front protection screen and FOPS guard also protect the operator from any errant material whilst working.

Fitted with a Liebherr SG20B sorting grab with perforated shells and a nominal capacity of 0.4m<sup>3</sup>, the Lowmac machine is ideal for the pick and sort operations it undertakes on a daily basis in the yard.

Commenting on the new machine, Kenny Smith, Managing Director of Lowmac's said: "The A 914 has already proven itself capable of combining high levels of productivity with excellent levels of

## recycling & waste management



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economy. We have always found our Liebherr machines offer far better fuel consumption than competitors' equivalent models and the A 914 is no exception. Its considered design and build quality was also an important factor as it enables us to provide a safe and pleasant working environment for our operatives in what are often challenging conditions."

Founded in 1973 Lowmac has grown from a general skip hire company to now managing a wide range of hazardous and non-hazardous wastes for customers which include local authorities, large PLCs and blue-chip clients from across the west of Scotland.



## recycling & waste management

# Geesinknorba appoints MacPac Refuse Bodies as its NI Agent

**Geesinknorba has appointed MacPac Refuse Bodies as its Northern Ireland agent; based in County Antrim, MacPac is a manufacturer and supplier of side-loading refuse collection vehicles and associated products to the public and private sectors across the UK.**

The appointment will see MacPac become the point of contact for sales, parts, and servicing for all Geesinknorba's Irish customers, and MacPac will be responsible for building the company's presence across Northern Ireland and the Republic of Ireland.

Geesinknorba designs and manufactures a range of vehicle bodies and bin-lifting equipment for waste management applications, with a focus on innovation and delivering practical solutions to meet evolving market requirements.

All Geesinknorba's products will be available to customers in Northern Ireland through



*(L-R) David Hyde, head of sales for MacPac, and Colin McMorine, regional business manager for Geesinknorba.*

MacPac, including its ground-breaking all-electric Li-On Power Pro RCV, the new Norba N4, and the popular GPMIV.

Colin McMorine, regional business manager for Geesinknorba, said: "MacPac is the ideal partner for our brand. The business is well established in the industry and works closely with local authority customers. And, as manufacturers, they understand what we do. We are looking forward to good things from this relationship."

Added MacPac's business development manager Liam Regan: "Geesinknorba is a well-known name across Ireland and Northern Ireland. We are very proud to be associated with such a strong brand, and we are confident that we can continue to build up Geesinknorba's presence in Northern Ireland.

"This association also gives us the opportunity to share technologies and learn from each other. At MacPac we have already started looking at alternative ways to power our own products, so we are excited to partner with a company that is at the forefront of EV innovation in the sector."

## Ecotec Range Leading the Way In Waste Handling Sector

**Mindful of the increasing emphasis now being placed on waste handling and recycling as part of Ireland's drive to meet international goals aimed at protecting the environment, safeguarding species and combating climate change, Terex Ecotec distributor McHale Plant Sales is putting focus on their TWH 220 materials handler as a machine they say is an 'essential cog' in the waste handling and recycling chain.**

Squarely aimed at Ireland's growing body of waste management contractors, the TWH 220 is powered by a 95kW engine and weighs all of 21-tonnes, without attachments. Livered in Terex Ecotec's familiar white and contrasting black colours, its



most obvious features are its unique long-reach boom, arm and 4-toothed grab attachment. Operationally, the TWH 220 has a reach of 10.4 metres, and comes fully designed and specified for the job it must do. Its hydraulically

powered high-rise cab is designed and functions to ensure that the operator has perfect visibility within the worksite at all times.

Compliant with EU emissions requirements, thanks to its Stage V compliant engine, its wheeled

design makes it faster and more manoeuvrable around the yard or inside the recycling shed.

The Terex Ecotec TWH range extends from the 85kW entry-level TWH 216 model with its service weight of 12.1 tonnes and 9-metres reach to the top-of-the range 160kW, 35.5 tonnes, TWH 236. Other models are the TWH 220, 224, 226 and 228 with power outputs from 95kW to 129kW, weights from 21 tonnes to 30.6 tonnes, and reach from 10.4 metres to 12.6 metres.

Prominent waste processors here in Ireland who have recently equipped themselves with the TWH 220 include Wexford-based Murray Waste Recycling of Ferns. Sharing the stage with them is a significantly wider body of distinguished contractors playing a forefront role in ensuring Ireland stays what McHale Plant Sales general manager Denis McGrath calls 'an even greener country than it is reputed to be'.

## Financial Director Appointed at Re-Gen Waste Ltd

**Neil O'Prey has been appointed Financial Director for Re-Gen Waste Ltd. Having worked across multiple complex industries such as financial services, industrial products, consumer products and state bodies, Neil will take on responsibility for driving business improvement and growth.**

Prior to joining Re-Gen Waste, he spent 17 years at PWC, advising executive committees of major businesses in the UK, US, South Africa and Ireland, on financial planning, change strategy, growth, productivity and cost efficiency.



# Hereford Quarries recycles 100% of inert waste with CDE wet processing plant

In 2015, Wye Valley Group, Herefordshire's leading trade waste recycling business, established Hereford Quarries Ltd. Based at its new 10-acre Lugg Bridge site north-east of Hereford, its aim is to maximise local resources to reduce the county's reliance on imported virgin primary aggregates.

The operation began with a mobile jaw crusher and screener to process construction waste into basic crusher run and hardcore materials, suitable for use as low-grade sub-base material.

One year into its operation, Hereford Quarries partnered with CDE, who were commissioned to provide a bespoke solution to recover quality-assured construction aggregates that complied with European specifications.

The objective of the CDE wet processing plant was to support Hereford Quarries in maximising the value of its feed



material by producing washed and graded recycled sand and aggregates including drainage stone, MOT Type 1 and 65F.

Hereford Quarries Commercial Manager, David Ambrose, said, "The CDE wash plant is adding significant commercial and technical value to our operations. We are now recovering recycled aggregates back to their highest potential added value and to a technical and quality standard that can compete directly with primary aggregates."

David went on to explain that the custom-built CDE wet processing plant can also process more challenging material.

"We are able to process much higher volumes and more challenging materials with the CDE plant compared to that which was possible with a mobile crusher and screen. The plant's high capacity provides the opportunity to up-scale our operations and throughput as the market grows, whilst maintaining the high product quality."

"At present, we are diverting 120,000 tonnes of construction and demolition waste from landfill annually. With the support of the CDE technology we are processing 100 per cent of material that comes into the site and converting it into saleable product."

David Kinloch, Regional Manager UK & Ireland at CDE, said, "Expert CDE engineers worked closely with the Hereford Quarries team throughout the design and commissioning process to not only understand what the business wanted to achieve from its plant, but to better understand the context of the local Herefordshire market."

"Since its commissioning in 2016, the cutting-edge wet processing plant at Hereford Quarries' Lugg Bridge site has, in a short period of time, fundamentally revolutionised its recycled aggregates operation and has put the company at the forefront of championing sustainability throughout Herefordshire."



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## COUNCIL OPTS FOR HUSMANN PORTABLE WASTE COMPACTORS

Ards and North Down Borough Council is to take delivery of three new Husmann SPB 22 hook lift Portable Waste Compactors.

Supplied by Benagh Engineering, the Husmann machines will be used at the Council's household recycling centre at Ballygowan and will replace open skips previously used for card board and general waste.

The Council decided that the Husmann SPB 22 model portable waste compactor was the ideal choice for the small site at Ballygowan because of its compact dimensions and flexibility to be placed in different locations around the yard. The machines are fitted with a large top loading door and this combined with a low fill height makes them ideal for loading by the public, even with large bulky waste items.

The Husmann SPB Portable Waste Compactors have a compaction force of 34 t (340 KN) and a conical container shape to all easy emptying. The fully welded container and discharge door seal are part of the Husmann leak proof design that insures clean and efficient waste compaction and storage.



Eamon Dornan, Benagh Engineering handing over three new Husmann SPB 22 hook lift Portable Waste Compactors to Andrew Phillips, Area Supervisor - Ards & North Down Borough Council.

# 'Keep Er Lit For Kayden' Truck Show

**Following the hugely successful 'Keep Er Lit For Ellen' Truck Show in November 2018 which saw over 200 lorries packed into Camlough village, there are plans to run another event, this time in aid of young 5 year old Kayden McKeown. It will take place on Saturday 21st March 2020 in Camlough village.**

Little Kayden McKeown from Mayobridge was diagnosed with Acute Lymphoblastic Leukemia (ALL) T Cell in May last year just before finishing his first year in P1 at the local Primary school. This was a huge shock to parents Paula and Killian and his two brothers.

Doctors in the Royal Victoria hospital Belfast immediately started chemotherapy on Kayden. Many weeks in and after numerous tests they identified a gene usually only found in adult leukemia; this now meant that they had to start a new drug which is normally only given to adults.

Kayden has two older brothers and his diagnosis has resulted in their family life being turned upside down.

The news has proven difficult to accept but the family are trying to remain positive and cope day to day uncertain of what their future holds.



The McKeown family face tough and challenging times ahead. The future for Kayden consists of further rounds of chemotherapy and inevitably he will face a bone marrow transplant in Bristol or another appropriate Medical Centre in Britain.

One of the truck show organisers, Paudy Smith, said: "We are organising the show in the hope of raising much needed

funds to help and support Kayden and his family as they face the future and to be by Kayden's side as he undergoes this vital treatment, whilst also trying to provide as normal a life as they possibly can back home for his two brothers.

"Kayden's father, Killian, is a native of Camlough village and the McKeown family are highly respected throughout the South Armagh area. The Mayobridge community have also been extremely supportive to the family and this is our way of showing our care."

He continued: "We are overwhelmed with the support we've received so far. Many haulage companies, lorry drivers and local businesses have very generously come onboard as sponsors and we welcome all support."

The 'Keep Er Lit for Kayden' Truck Run is guaranteed to be a fantastic showcase of trucks from the length and breadth of the country. This will be a Family Fun Day, with live music, kids entertainment and other fun and craic for all to enjoy.

**Anyone wishing to be involved in supporting 'Keep Er Lit For Kayden' should contact Paudy Smith at 07763657417 or contact our Facebook page 'Keep Er Lit For Kayden' #keeperlitforkayden**

## Tobroco-Giant Reveals New 3.5 Tonne Compact Loader

**Developed as a reliable and compact powerhouse the G3500 X-TRA is ready to make its debut. The brand-new articulated loader offers contractors, rental companies and governments the flexibility they need to get the job done within a reliable time schedule.**

Because of the fact that building sites are often very narrow and there is not a lot of space to work in, customers have the demand for an agile loader with narrow wheelbase that can lift and transport heavy loads.

The G3500 X-TRA distinguishes itself by a high tipping load (4,100 kg) compared to its own weight (3,700 kg). Depending on the choice of tyres, the loader has a width between 134 and 165 centimetres.

The height is below 2.27 metres so narrow and low passages are no problem and the machine can be used inside as well.

To guarantee the right performance and fuel efficient

operation, the G3500 X-TRA is powered by a new 48.5 kW/66 HP diesel engine from Kubota. The engine is equipped with a catalytic converter (DOC) and soot filter (DPF) and is prepared for Stage V emission regulations.

Whether transporting large quantities of loads or rough-working activities, the hydrostatic 4-wheel drive with automotive control (Bosch Rexroth) and 100% switchable lock on both, 14-tons, axles prevents the machine from losing grip – even on loose soil.

A driving speed of 30 km/h allows customers to travel fast from one building site to another or to transport materials in no time.

### Multi-purpose

This compact wheel loader can be used in high-building, roadworks as well as underground work and presents itself as a versatile helper on restricted sites.

A wide range of attachments transforms the G3500 X-TRA

in a multi-purpose machine. Attach pallet forks and the G3500 X-TRA will transport complete pallets with cobblestones or move barriers.

Change the attachment for a sweeper and keep building sites clean and tidy. Or use a snow blade during the winter season to keep roads and sidewalks free from snow.

By choosing the right attachment it is possible to adjust the G3500 X-TRA to all working conditions and the machine can be used all year round.

### Operator comfort

The spacious cab of the new G3500 X-TRA was redesigned for more functionality and a new, modern look. Providing the operators a comfortable and safe working environment with great visibility for efficient all day operation.

New features include a fully adjustable steering column and luxury air suspended seat. All necessary information (oil

temperature, regeneration, etc.) can easily be read from a central LCD display during work.

While using the joystick, the operator can rest his arm on ergonomically shaped armrest. The compact loader is standard equipped with a, EU certified, safety roof and this can optionally be extended to a full-option cabin.

### Easy maintenance

Maintenance is easy with the G3500 X-TRA is easy because the service points are easy to reach. Filters, hydraulic system and engine can be freely accessed via the easy-to-open bonnet, tilting cab or other service panels. This reduces downtime because daily checks and maintenance can be carried out quickly and in a safe manner.

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# "Keep Em Lit" For Kayden

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*New yanmar SV26 supplied to a local contractor from Crumlin plant sales.*



*New Case CX145D supplied by Cowan Bros to Brendan Mulholland, Toomebridge.*



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*New messursi TC95 high tip track dumper supplied to Bann hire from Crumlin plant sales.*



*New Metso LT120 sold to McCabe Earthworks By McHale Plant Sales Limited.*



*SK28SR-6 to Lynch Bros, Buncrana, Co. Donegal from McSharry TRACK.*



*New Rotair MDVN53 compressor heads out for slurry work supplied by Crumlin plant sales.*



*2 New Case CX18C supplied by Cowan Bros to Kevin Farry, Markethill.*



*New Merlo Turbobarmer TF50.8 sold to Strawchip Ltd by McHale Plant Sales.*



*New Komatsu PC26MR-3 complete with Hydraulic thumb sold to Forkan by McHale Plant Sales Ltd.*



*New Komatsu PC210LC-11 sold to John Hayes by McHale Plant Sales Ltd.*



*New yanmar SV18 supplied to Tyfer networks from Crumlin Plant sales.*



*New Case CX37C supplied by Cowan Bros to James Mulholland, Toomebridge.*



*New Case CX130D supplied by Cowan Bros to Islandview Plant Hire, Toomebridge.*



*New Yanmar VIO50 supplied to Bann hire from Crumlin plant sales.*



*SK55SRX-6 just delivered straight to site for MRPx Construction, Newtownards, Co. Down by McSharry TRACK.*



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Gareth Henry, Corrihan Henry Construction, Portrush, Co. Antrim with his new SK10SR-2 cw okada150 breaker from McSharry TRACK.



New Case SR175 supplied by Cowan Bros to Drew Forsythe, Cloughmills.



New Takeuchi TB235 sold to Lisdrum Plant in Rathfriland Co Down by Alan Milne Tractors Newry.



SK45SRX-6 delivered to Belfast for Mimmagh Contracts, Drumquin, Co. Tyrone from McSharry TRACK.



McCartney Contracts take delivery of a new Hydrema 912F from Ballyward Plant Services.



New Dieci Samson 75.10 and a new Dieci Icarus 40.17 sold to St Gobain Mining in Clondarkin - Dublin by Alan Milne Tractors Newry.



A new Giant V5003 our for delivery to B Doyle, Ardee.



Cathal King and Cathal Oates of CN Groundworks, Co. Roscommon with their new SK28SR-6 from McSharry TRACK.



New Dieci Samson 75.10 sold to QME Mining Equipment in Navan by Alan Milne Tractors Newry.



New Takeuchi TB235 delivered to Aiden McMullen in Castlewellan by Alan Milne Tractors Newry.



New Case CX130D supplied by Cowan Bros to Black Contracts, Cookstown.



John McDonald Sr and Jr took delivery of SK17SR-3 and SK30SR-6 cw okada breakers for Omac Services Ltd., Ballymena, Co. Antrim from McSharry TRACK.



8 Genie GS1932 sold to Drogheda Hire by Sleator Plant.



New Case CX30C supplied by Cowan Bros to SPR McGowan Tree Services, Islandmagee.



New Case CX130D supplied by Cowan Bros to Eric McRoberts, Crumlin..



New Komatsu Forest 951 Harvester sold to McKelvy Timber Harvesting by McHale Plant Sales Ltd.



New Takeuchi TB240 delivered to DTS Plumbing in Newcastle by Alan Milne Tractors Newry.

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*E Quinn Contracts on collection of another new Faymonville low loader from Ashbourne Truck Centre.*



*New Case CX145D supplied by Cowan Bros to Alskea Contracts, Dungannon.*



*2 x New Komatsu PC138US-11s being collected by Murphy International from McHale Plant Sales Ltd.*



*New Case CX130D supplied by Cowan Bros to Patrick Fitzsimons, Downpatrick.*

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