

INDUSTRIAL SOLUTIONS UK

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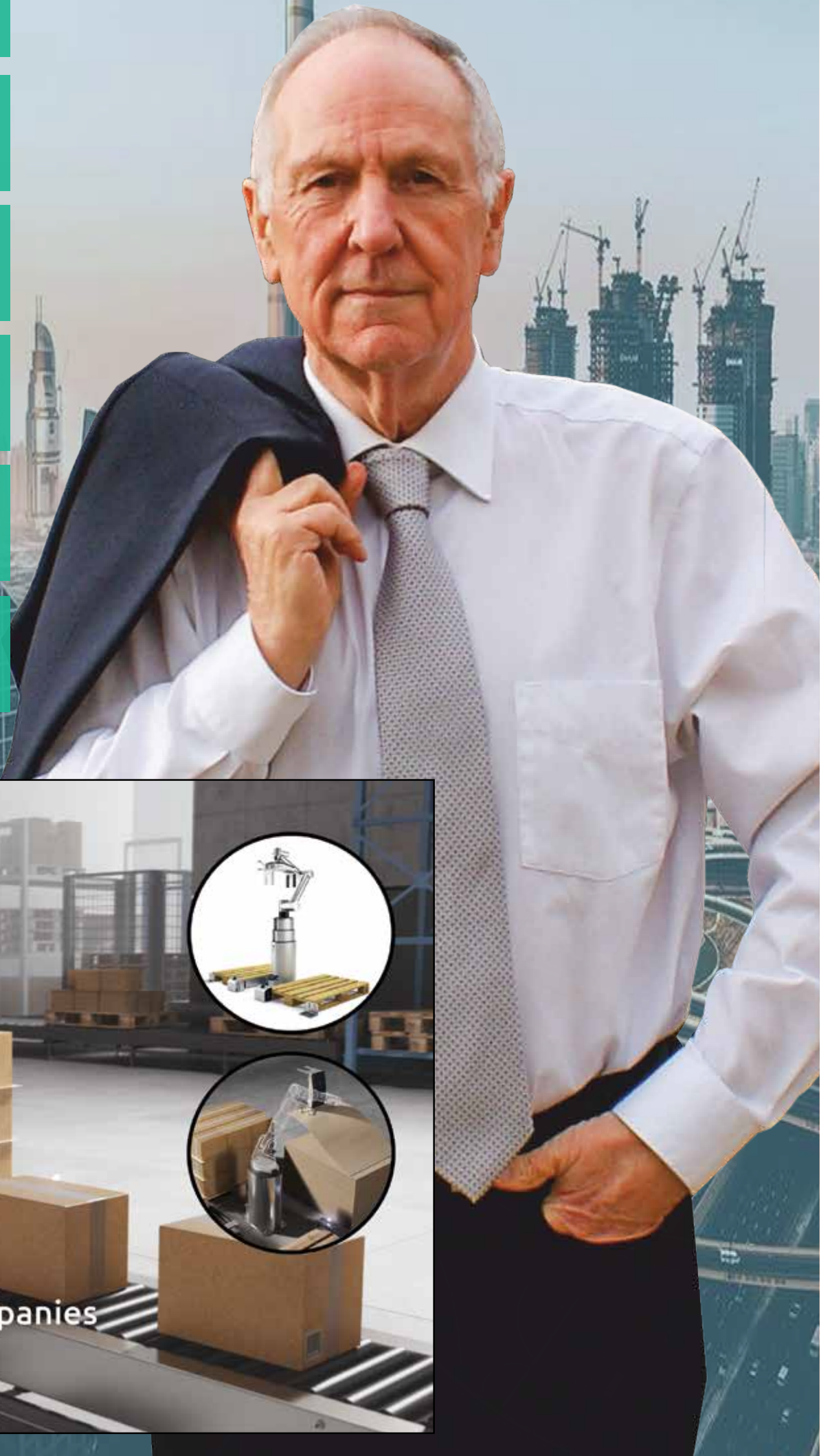
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OnRobot

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Including BUILDING UPDATE

Featuring a wide variety of companies from across the UK and Europe, from Builders to Landscaping.

Editors Comments

Hello & welcome to issue 656 of Industrial Solutions UK!

The team at Industrial Solutions UK has been working extremely hard to bring you an issue that is full of innovative and exhilarating companies and we are very excited to share their success and achievements with you.

We have searched the length and breadth of the UK to bring you some of the most ground-breaking innovations and this month we are overjoyed to be highlighting the activities of BITO and UNISIG.

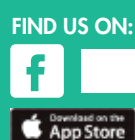
Firstly, we would like to focus on the accomplishments Peyton Medico-Legal who this month features on our front cover!

Secondly, we are featuring Service Sealing Solutions with the 'Commitment to Excellence' profile following their impressive performance over the years. For more information, turn to page 9.

I hope you enjoy reading this issue of Industrial Solutions as much as we have enjoyed bringing it to you. Happy reading and we hope to see you for the next edition!

Ian Hayward
Editor
INDUSTRIAL SOLUTIONS UK

For all advertising & sales enquiries,
please contact Ian Hayward
0121 241 8788



Storage Systems

Is limited floor space hindering your warehouse?



Named as our Storage Solutions Company of Choice, BITO Storage Systems is a market leading provider of storage and picking solutions on both a national and international platform with subsidiaries based throughout Europe as well as Dubai, the USA and South Africa. Marked as a global player with a local presence here in the UK, BITO Storage Systems stands for innovative storage technology and is one of the few single service providers in its field that supplies shelving, containers, picking and handling systems for all industries.

In 1999, BITO Storage Systems Ltd became the UK subsidiary of BITO. The main role of BITO Storage Systems Ltd is to solidify and imprint the BITO name here in the UK through its experienced and well-established team who provide such services as design and project management alongside a supportive after sales service. "As part of our service we have regionally based Design Solutions Managers and Key Account Managers that enable customer site visits to be made easily and quickly to understand every customer's requirement and ensure the most appropriate solution is proposed," said Duncan Grime, Marketing Manager at Bito Storage Systems Ltd.

Based in Nuneaton, Warwickshire, the company has a professional facility that provides the functions of project management, inbound sales, marketing and finance, as well as a warehouse that holds stock of the most popular products, replenished each week from the factories in Germany.

BITO Storage Systems Ltd are able to design and project manage large installations as well as enabling customers to order products from its online transactional web shop. Just some of BITO's top sellers include stacking containers with open pick fronts, mobile shelving trolleys, boltless shelving



complete with pick bins and compartment shelving. "The variety of products manufactured by BITO means that most customer requirements can be satisfied. Static shelving, widespan racking and pallet racking are all manufactured by BITO. Carton flow and pallet live storage are also important product lines that enable customers to improve the efficiency of their storage and picking operations. BITO's factory dedicated to manufacturing plastic bins and containers produces a wide range of products from small parts shelf bins through to stacking euro containers and distribution bins to half euro pallet storage boxes," stated Duncan.

The company has vast experience in manufacturing both steel and plastic which means its products are best suited to serve a wide range of industry sectors including pharmaceutical, automotive, retail and e-commerce. Furthermore, due to the increasing demand and cost for warehouse space for UK businesses, BITO's multi-tier shelving solution is proving popular as well as other products that combine shelving and bins to maximise capacity and minimise wasted space.



In closing we asked Duncan, what makes BITO products so unique, he answered. "Quality of product, along with health and safety demands are important customer requirements. To satisfy these requirements, BITO products offer quality standards well above the average and the manufacturing processes are certified according to DIN EN ISO 9001:2015. We offer stability, as we constantly test the carrying capacity and raw materials of our products. Strict quality controls form a key component of the production process; therefore, we can ensure from sales through development and finishing to final delivery our customers are looked after."

For more information, see below.

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Curtiss-Wright have a commendable history behind them, having been founded by three of the world's most celebrated aviation pioneers, Orville and Wilbur Wright and Mr. Glenn Curtiss, one of the forerunners of naval aviation. Their companies, the 'Curtiss Aeroplane and Motor Company' and 'Wright Aeronautical Corporation' merged in 1929 in order to create Curtiss-Wright. Today Curtiss-Wright is one of the world's leading advanced engineering companies, having diversified and branched out into numerous different technologies across multiple sectors, including commercial and industrial, defence, power, metals, aerospace and much more.

At the turn of the 21st Century, Curtiss-Wright had grown into a multi-national company, with global sales of over \$2 billion and having acquired almost 60 businesses.

Many of these companies still operate under their original name, such as Metal Improvement Company, Bolt's Metallizing, IMR Test Labs, Component Coating and Repair Services and more who now are part of Curtiss-Wright Surface Technologies. These various divisions offer a wide variety of different specialised surface treatments such as thermal spray coatings, solid film lubricants, shot peening technology and much more.

Curtiss-Wright Surface Technologies, one of their most well-known and international subsidiaries, specialises in providing material surface treatment solutions, focuses on enhancing the performance of critical materials and components. As many of their clients are in heavy engineering based industries, critical components are often of vital importance. Not only do they need to be specially designed to precision specifications, but they need to be long lasting and properly maintained too.

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Drown out background noise with Sound Damped Steel



Sound Damped Steel (SDS) is a multi-award-winning noise control company that specialises in the development, manufacture and supply of highly damped materials for industrial noise and vibration control applications. Sound Damped Steel was launched by Les Thompson who created the company to sell constrained layer damped steel and provide noise control solutions for industrial applications. In 2003, Les rebranded as Sound Damped Steel, with the intention to liaise with noise control consultants to help design, fabricate and install effective noise control solutions. Today, SDS promotes the use of sound deadened sheets of steel and aluminium to OEM manufacturers in any quantity from a single sheet to several tonnes.

"SDS is a specialist company. We help manufacturers design SDS into their products and manufacturing processes to create noise compliant products and quieter manufacturing areas. We are unique as we offer bespoke noise solutions for companies with either noisy factories or products. We can design and fabricate enclosures, screens and guards, supply a kit of parts to retro fit on noisy machinery or supply sheets of steel for manufacturers to make their own products. SDS is available in aluminium, mild steel, galvanised and stainless," stated Les. SDS has over 30 years' experience in developing new and practical applications for the technology across a wide range of projects to help both end users and leading noise and vibration control consultants, to solve their problems. Using a principal called constrained layer damping to reduce impact noise, radiated noise and vibration, SDS describe their materials as 'if you were to imagine steel and aluminium to have the same acoustic properties of lead, then you will understand how it behaves.'

We spoke with Les who mentioned a product that has recently received much attention, "one area of particular success is removing noise from high pressure gas pipelines using a unique design which enables easy access for inspection, prevents corrosion which occurs under conventional pipeline lagging and is simple to install and remove."

SDS highly damped materials are effective and practical options for panels radiating noise. Sound damped steel and aluminium materials can be incorporated into conveyor systems to provide substantial noise reductions. After applying SDS to several major Hi-fi manufacturers, SDS introduced its own range of vibration removing components. The range includes Platter Damping Kit, Sounddeck PM, Sounddeck Damping Puck DPS, Sounddeck DF square sets, Sounddeck VTAA Vertical Tracking Alignment Tool, Sounddeck TAP Tone Arm Protractor Arm, and Sounddeck Soft Slip Mats.

The Sounddeck Platter Mat is a precision-made sound-damping laminate that has been tailored to the dimensions of turntable platters. Using a constrained layer damping process, unwanted vibrations such as turntable motor rumble and feedback is instead transformed into negligible amounts of heat, so too are the stylus counterforces that occur as the record plays. Moving forward, SDS plans to appoint agents to market and distribute its products on a global basis.

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Direct Hoist's vast expertise is equalled only by the firm's impeccable reputation for safety. Direct Hoist's long association with up-to-date German GEDA machinery has now been boosted by becoming the UK distributor of Electroelsa construction hoists and platforms – an Italian brand with market-leading features for worker protection.

Electroelsa's impressive range of mast-climbing work

platforms (MCWPs), transport platforms, material hoists and construction hoists adds to Direct Hoist's ever-expanding fleet of modern machines, which includes scaffold hoists, mast-climbers, gantry hoists and tile hoists. From 150kg hoists to 3700kg transport platforms, Direct Hoist's fastidiously-maintained fleet is available for sale or hire throughout the UK.

Installation and dismantling is taken care of by a highly-qualified team – all SSSTS-certified, holding NVQ Level 2 Blue or Level 3 Gold CSCS cards.

For more information about Direct Hoists, visit www.directhoist.co.uk, call 01724 781647 or email info@directhoist.co.uk.



First class food machinery provision

Providing labelling services to the food and beverage sector, PFM predominately specialise in providing business leaders with exclusive vacuum packaging, slicing and weighing equipment both new and reconditioned. Additionally, they also distribute a widespread range of sundries including vacuum pouches, bags, sausage casings, rusk, sausage seasonings, professional knives and more.



The labelling company are also able to provide clients with an extensive after sales support service, catering to those who seek help with their items, extra equipment, adequate know how on how to maximise their product's potential and much more.

Their internal and external vacuum packages are particularly sought after, having been developed using top quality PA/PE material.

Similarly, their sundry and clothing is made using the finest materials, and encompasses commonly used cooking attire, such as aprons, gloves, hair nets, coats and trilby hats. Food equipment, which includes knives, steels and racks, are also popular purchases among clients. PFM also supply clients with first-rate safety efficient chain mail gloves, which have been specially fabricated for both hygiene and protection.

Their latest merchandise, the Epelsa Range of scales and printers, has been so efficaciously constructed that they have attracted multiple clients such as the Co-op, who have had this product placed in a number of stores across the UK. Moving forward, the company are looking to enlarge their current market footprint as a leading provider for the meat industry, extending their consistent and efficient services to new sectors and client bases.

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Make the Wise choice!

In this issue of Industrial Solutions we are proud to announce that we have selected Wise Global Training as the recipient of our Commitment to Excellence Award.

Based from its location in Hull, Wise Global Training provides online health and safety training courses which are accredited by NEBOSH and IOSH. Boasting many benefits, eLearning is a modern, efficient and cost effective solution for health and safety training. The company caters for individuals all the way up to global organisations such as UNIDO and multi-national companies such as Smith and Nephew.

With a whole host of achievements, Wise Global Training has been recognised for numerous awards including:

- 2020 Northern Enterprise Awards - eLearning Company of the Year - North East England
- 2019 SME News UK Enterprise Awards - Best Health and Safety Training Provider
- 2018 CV Magazine HR & Training Awards - Best Health & Safety eLearning Specialist – UK
- 2018 Yorkshire & The Humber Enterprise Awards - Best eLearning Training Course Provider
- Global CEO Excellence 2021 Awards - Best Health and Safety Training CEO (UK), Dave Newgass
- East Riding of Yorkshire Global Business Insight 2021
- Most Outstanding Health and Safety Training Provider and Education and Training Awards 2021 - Health & Safety Training Provider of the Year – UK.

All of the training courses were written by trainers, with learners need's in mind. This ethos has enabled Wise Global Training to be able to provide material that contains the right tools and skills, to assist its clients to engage with the subject and course material. Full tutor support is guaranteed at no additional cost and its flexible approach allows users to study at their own pace. The courses are easy to access, and Wise Global Training also holds an impressive

100% Pass rate on IOSH Courses.

"With recent success and acceptance of online training that has been spearheaded by COVID-19, we are continuing our course development to increase the number of relevant accredited courses we offer," stated Dave Newgass, Managing Director. After an increased interest in online courses following the COVID-19 Pandemic, the company has many plans in terms of strengthening its global presence and course offering. Dave explained, "We are in talks to open satellite offices in South Africa and Dubai where our courses are very popular and respected in the health and safety industry."

With now another award securely under its belt, we asked Dave about how the company feels after receiving our award, for the company, he told us that, "We are very honoured to have received this award as it's testament to our desire to do our best so others can succeed."

If you would like to find out any more information, please see the details below.

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Precision Technology Supplies (PTS) was established in February 1988. Based in East Grinstead, West Sussex, PTS is a stockist and distributor of Stainless Steel fasteners in both A2 & A4 materials. Offering the widest range of Metric and Unified threaded products available. Quality products with fast delivery times and efficient customer service.

With over 30 years of experience in supplying a growing number of customers, PTS can be counted on to offer delivery to their customers in 90 countries across the world. Within the UK, PTS provide numerous variations of Direct Line Feed

management to suit individual needs. PTS can also offer to plate standard and special screws. One of their most popular is the 'Touch-Dry' ChemiBlack process, also known as Black Oxide. With this method, the finish is so thin that it doesn't affect any dimensional tolerances. In addition to this, PTS also offers finishes in gold, nickel, silver and zinc. In addition, they can offer patch locking, ideal for vibration resistance and added torque performance. There is also the ability to provide screw modifications to fulfil customer requirements.

"We are constantly adding new products to our offering, increasing our current ranges as well as

adding new products." We try to offer a one stop shop for all your fastener needs. said Andy.

PTS are regular exhibitors at the bi-annual Fastener Fair in Stuttgart, which was unfortunately postponed this year. If you would like to find out more information on their full range of products and services, head to their website or use the contact details below.

Contact
T 01342 410758
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ViaCon Storm Water Solutions, Bridges and Culverts

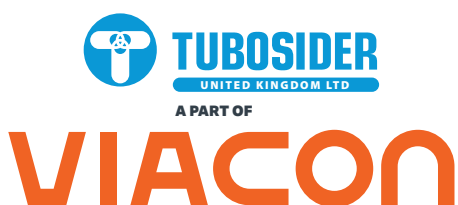


With our proven technical and engineering expertise, ViaCon's StormWater Solutions and products are designed to meet the challenges of stormwater management. Our corrugated steel products range from stormwater retention tanks and infiltration soakaways to bridges and culverts all manufactured from steel, a material that allows us to design and manufacture sustainable solutions.

With ViaCon's solutions, you have the competitive edge. Total cost advantage vs competing materials, for any size project subject to vehicle loads and space constraints. Stormwater solutions are often required under parking areas for retail and industrial areas. Our Bridge & Culvert solutions suit many scenarios including access roads to industrial developments or for under public roads where subjected to full highway loading.

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E-learning for the construction industry

Over the past 12 months, online learning and training have become increasingly more popular as individuals and businesses seek ways to upskill, develop or specialise in key subjects for self-improvement. The four-stage training and qualifications scheme Concrete Technology & Construction leads to qualifications for the construction industry awarded by the Institute of Concrete Technology (ICT).

The training courses range from foundation level through to advanced, and TALENT Concrete Training Ltd., established in 2004, currently provide online distance-learning courses in Stages 2 and 3. The industry-endorsed four-stage qualification framework is directly linked to the professional grades of membership of the ICT, formerly administered by City & Guilds of London Institute (CGLI).

Stages 2 and 3 of the Concrete Technology & Construction training and qualifications programme are presented by TALENT as online distance learning courses. The course content has been written and designed by John Newman, Peter Domone and Tony Binns. Each tutor is successful in their own field and holds vast amounts of experience and expertise in concrete technology, as well as proven, successful techniques and skills

acquired to mentor and teach. The courses available are ideal for all producers of precast and ready-mixed concrete, test consultants, civil engineers and building contractors. TALENT training courses fully prepare participants for ICT examinations and have achieved a successful high pass rate, including a high proportion of Credits and Distinctions upon completion.

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Le Tonkinois Varnish is a specially designed varnish that was first formulated back in China almost three centuries ago. The natural oil based yacht varnish comes with a range of excellent benefits, including being permanent, removing brush marks, not cracking or flaking off. On top of that, the varnish boasts exceptional corrosion protection for metals and has a durable coat too, meaning it can withstand impact without peeling or cracking.

The highly raved about varnish can be seen on yachts and boats, whether in fresh water, sea water, or sludge up and down the country. Not only that, but you can also use Le Tonkinois Varnish in kitchens, outdoor and interior woodwork. As a result of being fully waterproof and non-microporous, the varnish is resistant to boiling water, alcohol and has even been classified as safe to use in food areas.

Le Tonkinois Varnish can also be used to stain wood, and pigments can be mixed in with the varnish if a particular colour is desired, whilst still allowing the wood to breathe, a feature not typically found among other varnishes. The varnish is also naturally glossy and can be made matt or satin with an additional coating of Gelomat.

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www.letonkinoisvarnish.co.uk
01628 548840

Event hosting with Rutland Farm Park



Rutland Farm Park is a small family owned, 18-acre working farm based in the quiet and peaceful market town of Oakham, the county town of Rutland which is renowned as England's smallest county. Offering visitors a glimpse into its rich history, with original Victorian farm yard and buildings.

The park is home to various farm animals including, animals like Mr Tom the Shire Horse and Highland and Hereford Cows. In fact, the park is home to many varieties of animals, these include: sheep, guinea pigs, goats, pygmy goats, pigs, rabbits, cows, ponies, chickens, geese, alpacas and many more.

Fun for everyone, the Park offers full year round access, with ample amounts of fun, family activities to enjoy. Whether it's a tea and cake at its onsite tearoom, meeting its farm animals or exploring the parks' tracks; Rutland Farm Park is your friendly host for a wonderful day out.

The park also hosts many events throughout the year and is currently promoting its Jubilee Red, White and Blue Celebration which it is running from the 30th May – 5th June 2022.

"Visitors can wear red, white and blue for our Jubilee celebration and take part in our quiz, or enjoy one of our red, white and blue homemade cakes. The park will be decorated with red, white and blue and lots of Union Jacks," said Julie.

Another development for the park, is the launch of its deli fridge, offering a broad selection of local produce and environmentally sustainable produce to purchase. Consisting of produce including: artisan cheese, meat and sweet treats, Rutland Farm Park has a selection of delicious products on offer.

"We have locally sourced produce from Grasmere Farm, including: pork pies, scotch eggs, pies, sausage rolls and a selection of sausages, including gluten free. We also have White Witch Cheese, a delicious, artisan cheese, and a selection of Rutland Chef produce

including jams, honey, chutneys, nougat bars, chocolates, ice creams and salad dressings. We are also offering water in a box, which is UK water, in all recyclable packaging which is environmentally friendly. We offer Land Girls Ethical Coffee Nurtured By Women. The coffee is cultivated and nurtured by women, and helps to promote female growers and

support their communities," added Julie.

With all this on offer, Rutland Farm Park is the perfect place to visit this summer and is a great way to support a small, traditional, family run farm. Julie added, "come and see us! We've been told that we are the childhood farm you always imagined and not a manufactured plastic attraction. We

are the typical farm you think of as a child, higgledy-piggledy, friendly with lots of animals roaming and fun to be had."

For more information, please see details below.

T 01572 722122
www.rutlandfarmpark.co.uk

Machinery

CAMB MACHINE KNIVES

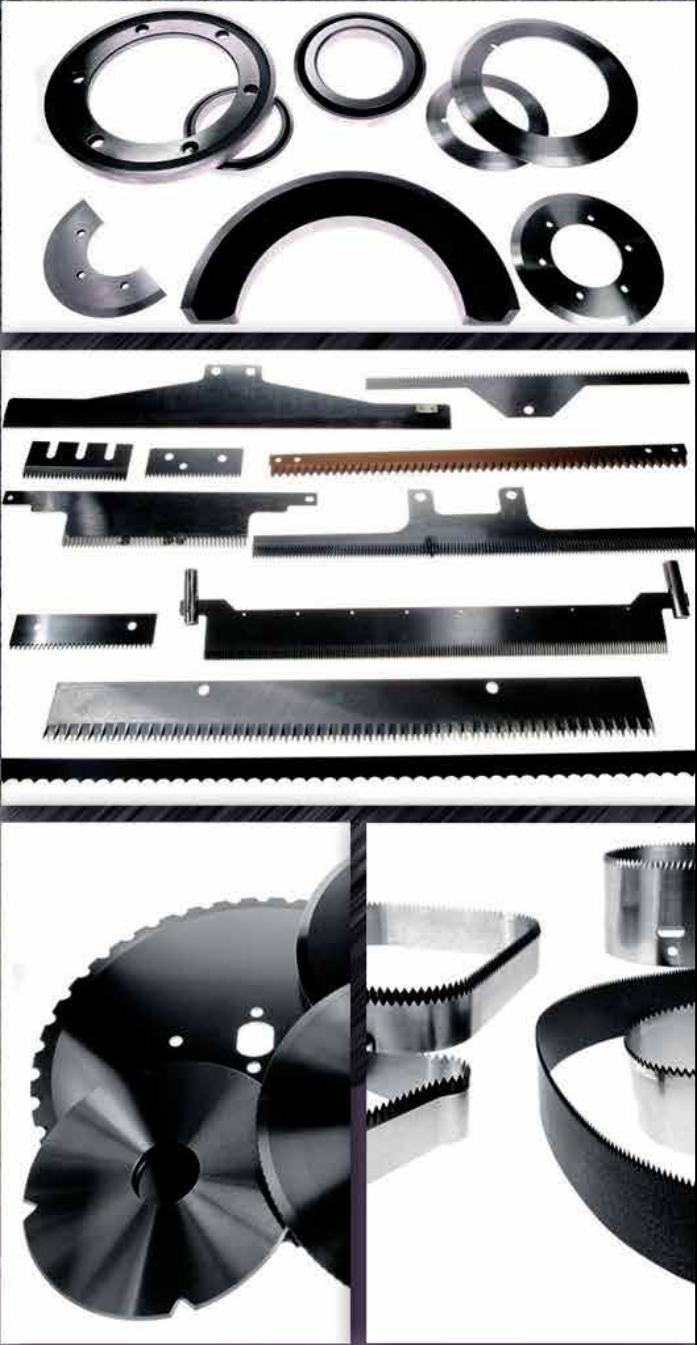
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The UK's number one sealing solutions provider



At Building Update, we take pride in showcasing the very best services provided by companies that provide a wealth of benefits for their industry. As such, in this issue we are proud to announce that we have selected Service Sealing Solutions Ltd as our Sealing Solutions Provider of 2022 and the recipient of our Commitment to Excellence Award.

Service Sealing Solutions Ltd provide a number of different sealing solutions across the UK to both the public and private sectors. As the sole UK distributor for the sealing industry's top manufacturers; DOYMA, FRANK and HKD, Service Sealing Solutions Ltd offers the UK the

most extensive range of products that are German manufactured and far outweigh that of any competitor.

Service Sealing Solutions Ltd specialises in high-quality service duct sealing systems for utility services and watertight seals. The company's ever growing market range can benefit from its broad scope of innovative sealing solutions alongside receiving the highest level of expertise.

In 2018, DOYMA granted Service Sealing Solutions Ltd the exclusive rights to distribute their products in the UK. DOYMA stands on the front line when it comes to the development of innovative, practical solutions for sealing and fire systems. Providing the very best in German engineering, DOYMA is used to seal penetration points in walls and floors to permanently prevent any infiltration of gases and water into the building. All DOYMA products are designed to solve all watertight duct sealing requirements, prevent against structural damage and incorporate rubber mouldings that ensure all gas and watertight features.

Demanding building types, such as power plants, large industrial plants, reservoirs or airports, often require highly specialised custom-made constructions. They place high demands on the fact that building penetrations such as cables and pipe work need to be permanently sealed. In the case of extraordinary pipe dimensions or special thermal, chemical or physical requirements, sealing systems in the form of a special construction are the required solution.

DOYMA have the expertise and an experience of over 50 years to develop and produce the best solution for any building or project, using state-of-the-art design and manufacturing methods as well

as professional simulation methods to ensure safety when using DOYMA special constructions.

Suitable mostly for builders of commercial properties, Service Sealing Solutions Ltd has a large range of DOYMA products that come with a 25-year warranty. DOYMA product brochures are available on the website and include products that have been supplied to some of the UK's largest projects such as HS2 and Kings Cross in London. DOYMA has recently released its new generation Curaflex Nova® gaskets which are the perfect solution for any professional tradesman instantly looking to solve sealing problems and can be adapted to multiple applications.

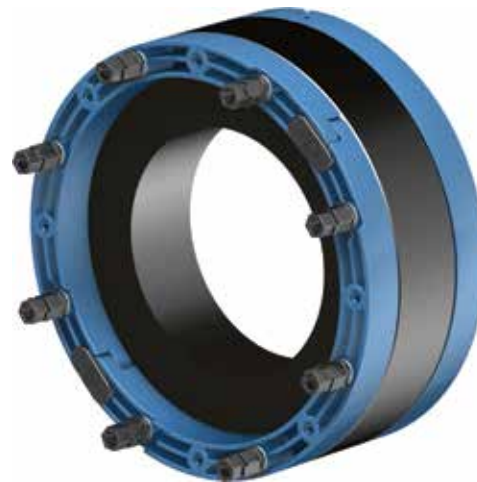
As a UK distributor for FRANK puddle flanges, Service Sealing Solutions Ltd provide assured watertight sealing of pipes through concrete walls, foundation plates and manholes. The FRANK puddle flange is an extremely flexible product and comes in a range of versions. Made from EPDM,



the puddle flanges act as a barrier which are also chemically resistant to a wide range of acids and bases. Depending on the diameter, they are proven to be tight and to hold pressures between 8 to 10 bars. FRANK puddles flanges also offer exceptional resistance to ozone and weathering conditions, and can be installed during construction resulting in a perfect cost-effective alternative to conventional sealing systems.

Lastly, Service Sealing Solutions also supplies HKD products, which are now owned by DOYMA. HKD manufacture a large range of pipe sealing systems and service conduits that are guaranteed to withstand up to four bars pressure. HKD systems have a sealing solution for service conduits cast into concrete without the sleeves. They are supplied and ready to use, requiring no site preparation work prior to installation. With options such as KE Socketless service conduits, KG Wall Ducts and Floor Ducts, together with KG Twin Sockets for installation in pump sumps, HKD products are ideal for situations where suitability for thin-walled concrete structures is vital.

Contact
T 01952 510050
www.servicesealingsolutions.co.uk



Service Sealing Solutions Ltd



Service Sealing Solutions are the sole UK distributor for pioneering the sealing industry's top manufacturers; DOYMA, FRANK and HKD.

Service Sealing Solutions are the sole UK distributor. Wherever services are installed through walls, ceilings or floors, penetrating water may cause damage to buildings. Lack of attention to the points of entry of pipes and cables into the building can have serious results: damp cellars, equipment damaged by water ingress and high repair costs.

Service sealing systems ensure professional and perfect pipe sealing, thus presenting excellent preventative measures against structural damage.

The very best in German engineering is used to seal penetration points at the wall to permanently prevent any infiltration of gases and water into the building, and the duct sealing systems are guaranteed for 25 years.



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New innovation to the TuffStuff® range; TuffStuff® flexible GRP

Tuff Waterproofing is a provider of waterproofing liquid solutions for flat roofs, which are comprised of GRP, flexible GRP and polyurethane. Using its advanced TuffStuff® formula range, which uses the latest liquid polyester resins, glass fibre mat reinforcement and flexible edge trims, it creates a fully integrated 100% waterproof seamless finish. The TuffStuff® product range is used for various applications and across multiple domestic and commercial environments.

With an impressive history which spans across 30 years' experience, Tuff Waterproofing has invested heavily in research and development, company processes and its team to ensure that its TuffStuff® range of products, continue to exceed expectations and set new standards in flat roof waterproofing solutions. From the company's bespoke premises based in North Yorkshire, Tuff Waterproofing maintains its operations on a national scale, supplying its products through a dedicated Stockist network located throughout the UK.

Regarding its progression over the last year, Tuff Waterproofing is pleased to have continued to progress significantly since 2020. With the impact of the COVID-19 pandemic affecting many industries, Tuff Waterproofing was able to remain open throughout and further developed on its product range during the last 12 months.

We caught up with Greg Gimenez, Managing Director of Tuff Waterproofing and asked him about the company's developments over the last year, he stated that, "We have progressed very well. We didn't have to close during the Pandemic because we are in the construction industry, so the government's directive was to stay open. We have mostly remained the same, we're always trying to develop new products and develop our existing products. We're quite happy with the overall year and foresee further progression for 2022."

The company has continuously accumulated growth year-on-year and established an enviable reputation,

becoming a key figure in the GRP flat roof market and resulting in TuffStuff® becoming the UK's premium designer and supplier of heavy-duty GRP waterproof flat roofing systems.

Regarding its team, TuffStuff® maintains a dedicated product development team that work closely with its customers to produce a consistently, evolving product range that is suitable for multiple flat roof applications. This commitment to continuous development is echoed throughout the company and its dedicated team of UK based product developers work with UK manufacturing facilities, with the ambition of pushing and setting new standards of GRP roofing systems, to new levels.

A vital part of the company's business is its exceptional technical support service and Tuff Waterproofing ensures it provides premium quality and agility, in responding to and resolving customer queries professionally, efficiently and to the highest standards. The company prides itself on providing the highest standards of customer service and its main ambition is to instil confidence in its customers, that they feel fully supported.

"As I have always said, the life blood of this company is the service, exceptional training and technical support that we give. It's more than just providing products, it's all about the service and support," Greg added.

In terms of the company's most recent developments this year, Tuff Waterproofing has further expanded



its TuffStuff® product range and is now offering its latest GRP roofing innovation; TuffStuff® flexible GRP. TuffStuff® flexible GRP is a single resin solution that provides an exceptional combination of versatility and durability. It's extremely quick to lay and does not require stripping or re-decking of the roof, saving customers both time and money. It can be applied to a variety of surface types and structures including vertical sections.

Requiring only two coats and 225gsm reinforcing mat, it can be applied within two hours. The TuffStuff® Flexible GRP forms a highly flexible, extra tough and seamless waterproof membrane, making it an ideal solution for areas of heavy-duty foot traffic. The solution can be applied directly to felt, asphalt, single-ply, GRP, concrete, timber or metal. Its highly flexible, extra-tough and seamless waterproof membrane makes it reliable when added to vertical sections without the concern of sagging. Furthermore, the solution is a fast-curing system with walk on time of between 30-60 minutes. Once laid and whilst curing, the product is showerproof.

Specifically designed for durability in mind, the TuffStuff® Flexible GRP is extremely robust with one coat needed for a 10 year system or two coats required for 20 year system, and is crack resistant with no risk of weak points. The 20 year system qualifies for a 20 year guarantee on materials.

On the back of its successful launch of TuffStuff® flexible GRP, Tuff Waterproofing is planning to further feature its new product at various tradeshow throughout 2022. These include: UK Construction Week 2022 in May, in London and UK Construction Week 2022 in October, in Birmingham.

As the company looks towards the future, Tuff Waterproofing foresees many challenges that they will have to overcome, but believes firmly that it has the right structure in place to provide the company with the perfect platform to be able to consistently respond and evolve its product range, while providing outstanding support to its customers.



Indeed 2021 has seen impressive growth and development for Tuff Waterproofing and the company anticipates much more progression, leading on from its new product launch. After what many industries have deemed as a challenging year in regards to the COVID-19 pandemic, Tuff Waterproofing has showcased its industry leading expertise and is pleased to have been acknowledged for their hard work.

For more information about the company or to view its range of products, please see the details below or alternatively, contact them directly on the number stated.

Contact
T 01977 680250
www.tuffstuff.co.uk



FLEXIBLE GRP

Providing an exceptional combination of versatility and durability. Quick to lay, with no need to strip or re-deck a roof, this fast-curing system saves time and money.

It's a single-resin solution which can be applied to a multitude of surface types and structures including vertical sections.

With two coats applied within one hour, TuffStuff® Flexible GRP will form a highly flexible, extra tough and seamless waterproof membrane - can be a solution for areas of heavy duty foot traffic.

TUFF STUFF FLEXIBLE GRP



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orders@tuffwaterproofing.co.uk

30 years of experience, expertise & excellence

Bio-Dynamics specialises in building tanks for wastewater treatment plants, biogas plants and industrial and agricultural applications. The company maintains its main head office in Deinze, Belgium, with its UK Division, Bio-Dynamics Tanks Ltd based in Thurnscoe, near Rotherham, and Monostore bv, based in Kampen, The Netherlands.

Bio-Dynamics has gained an impressive amount of expertise, built from over 30 years of experience in the treatment of industrial waste water and environmental engineering. Bio-Dynamics specialises in the building of

round tanks with a diameter starting from 15ft (5m) to 164ft (50m) and up to 66ft (20m) in height, with or without a roof, underground or above ground level.

"Our company is the preeminent European designer and installer of insitu-poured reinforced concrete tanks, used for the storage of, and anaerobic digestion of, a wide range of on and off-farm liquids and bio-wastes, such as livestock slurry," noted John Lyndon-Taylor, Sales Manager. The primary focus of Bio-Dynamics is the supply of concrete anaerobic digesters and associated

tanks to the Biogas renewable energy sector. For the agriculture market, the company is able to provide biogas-units (in collaboration with key Technology Providers) based on the size of the farm, which are mainly fed with manure and other substrates that occur on the farm.

"The main benefit and service we provide is a full design and supply capability inhouse, maximising the experiences of decades of onsite operations, tailoring the product to our clients exacting requirements. As the company looks to the future, Bio-Dynamics

plans to continue focusing on its core activities, working with strategic partners and technology providers to enhance and sustain the burgeoning biogas sector, for years to come.

Bio-Dynamics are keen to discuss any of your needs for liquid containment, and its technically qualified staff are ready and waiting to receive your call to start the process of developing a solution.

If you would like any more information, please see below.



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www.bio-dynamics.co.uk
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Coporate Hosts

Corporate Bookings Available for 2022

Founded in 2010 Patricia Creighton MBE started offering Toastmaster services after realising there was a gap in the market for actively operational female Toastmasters. With her organisational strength and problem-solving ability, Patricia turned her hand to the planning of weddings, balls and parties, and has since become an extensively appreciated event organiser.

Having worked in previous roles as a wedding organiser and registrar, Patricia is well practiced at participating in important ceremonies and has subsequently obtained a decorated background in wedding arranging, civil partnership procedures, banquets, bat mitzvahs, cocktail parties, award ceremonies, product launches and official openings.

The reputable Toastmaster is also experienced with corporate events and has assisted many companies with the development of a smooth-running and memorable gathering. Her work extends to more specialist celebratory services such as vow renewals and baby naming ceremonies, and she has also attended various balls and parties.

Having been granted the coveted MBE in 2003 for her notable contributions to the voluntary youth sector, Patricia is a sought after figure who always offers a sleek and professional service, taking all your stresses away. In fact, all of Lady Toastmaster's testimonials praise how efficient and professional the service is, and her satisfaction at a successful event coming together after months of preparation is evident in the passion she puts into her work.

Although based in Croydon, Patricia is more than happy to travel should this be required and has conducted much of her ceremony-centred work in Spain. Some of her favourite memories are being a Toastmaster in Spain for The Royal British Legion fundraising Balls, in Park Lane for a large fundraising event (Ataxia Society), and travelling to Wales for a big fundraising ball in aid of Sepsis Society. Patricia's work is incredibly customer-oriented; each project she is presented with is handled with care and attention to detail as well as, of course, the expected level of professionalism and efficiency.

Communicating with the necessary experts – photographers, caterers, bands and guest speakers included – she ensures the day goes according to plan and that all aspects are taken into consideration.

If you don't want the stress of organising an important event then consult Lady Toastmaster today. Leaving the logistics to a well-experienced specialist will ensure you can relax and enjoy the planning process instead of getting frustrated and flustered.

What's more, you'll benefit from two Toastmasters at your event for the price of one, as Patricia always brings along an Assistant Toastmaster. Please contact Patricia using the details provided to find out why two Toastmasters are better than one, and how she can help make sure your day goes exactly how you dreamt it would.

Contact
T 07885 780 149
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MR. J.W. RODNEY PEYTON OBE MD

An Epitome for Experts in the Medico-legal Industry

Medicine is regarded as one of the most dignified professions around the world. The relationship between the doctor and the patient stands on pillars such as trust, confidence, and hope. However, like several other industries, commercialization has largely impacted the medical profession and services as well. Today, there is increasing anxiety both within the medical profession and in society regarding the constantly increasing trends of complaints and lawsuits against physicians.

It is imperative for doctors to be aware of the legal aspects linked to their profession and take precautionary measures to protect themselves and their patients from legal traps. The knowledge of medico-legal issues has become as fundamental to the practice of medicine as clinical skills.

Thus, experts in the field of medico-legal services are in demand presently. While several new leaders have been emerging in recent years, veterans like Mr. J.W. Rodney Peyton OBE MD are still regarded as one of the prominent leaders in the medico-legal sector.

A Distinguished Career spanning Over Three Decades

A Consultant Trauma Surgeon by profession, Mr. Peyton has been driven by a desire to improve surgical practice and ensure better outcomes for patients—throughout his eminent career spanning four decades. He has served as the Head of Faculty Development and Examiner Training for the Royal College of Surgeons of London and has been at the forefront of innovation in the delivery of teaching and healthcare.

Widely regarded as the World's #1 surgical coach, Mr. Peyton has received numerous recognitions. He has received the Werner Korte Gold Medal for services to German Surgical Education in 2002. Moreover, he was bestowed with the Medal of the Swedish Surgical Society for his services to medical education in 2005.

He is also a law graduate and has been involved in medico-legal reporting and court appearances as an expert witness since 1983. He is also a founding member of the Expert Witness Institute and has played an important role in providing an independent expert opinion in cases of potential medical negligence. He has been reported over 70,000 personal injury cases as well as being asked to advise in more than 3000 cases of potential medical malpractice.

Mr. Peyton's prowess in the medico-legal domain, blended with his avid experience in both military and civilian trauma has been instrumental in him being regarded as an authority on medico-legal

issues. He has been actively involved in training doctors and lawyers in dealing with medico-legal cases—both individually and in professional groups, also as a trainer and keynote speaker. In a conversation with Mirror Review, Mr. Peyton shed light upon what it is like to be a medico-legal expert in today's world and shared some invaluable insights that would help those aspiring to step into the industry.

A Satisfying Intellectual Exercise

Preparing medico-legal reports—according to Mr. Peyton—is a very satisfying intellectual exercise, particularly regarding malpractice, and is one of the best ways of keeping up to date in his field of expertise. “Each case is unique with many twists and turns. Having to think out the pros and cons in any given range of opinions allows the expert to become even more secure in their own practice which can only be for the benefit of patients,” affirms Mr. Peyton.

According to him, the best way to learn anything is to teach it. In this case, barristers/ trial lawyers will ask detailed, probing questions to gain a full understanding—requiring the teacher/expert to more clearly understand their own practice and personal biases as they consider legitimate differences of opinion.

Stay Relevant, Neutral, and Clear

As Head of Peyton Medico-legal Services, Mr. Peyton's philosophy is that the objective is to assist those in litigation including the clients, their legal advisers, and the court to clearly understand the nature of medical evidence in individual cases so they can make informed decisions. It is the court's jurisdiction to determine facts under dispute in a case, and the expert opinion guides the court in its deliberations.

While the judges are highly trained and experienced in the interpretation of the law, they—alongside the barristers and trial lawyers—are not the experts when it comes to healthcare professions. They need help in understanding the medical evidence before them. Thus, the expert must assist the court in decision-making. According to Mr. Peyton, any expert must stay relevant in their profession, remain neutral throughout no matter who is responsible for their fees, and must clearly understand their paramount duty is to the court.

Mr. Peyton further mentions it is important to remember innovation in the legal profession is slow and steady. When in the witness box, an expert must not display innovative behaviors in terms of thoughts about managing cases. As the courts are looking for a fair degree of certainty, all the arguments have to be clear, logical, and well-thought-out. “In this case, experts must acknowledge there always exists a range of opinion and clearly announce with an evidential base as to why their opinion should be preferred,” he advises.

Furthermore, an expert having personal prejudices or inclinations can sometimes cause confusion and trust issues. Mr. Peyton, however, believes having a personal bias towards a particular method of treatment is not an issue if the preference is transparent and the expert can demonstrate they are prepared to consider and discuss the viability of other options. According to him, experts require the flexibility of mind to review their opinion if compelling evidence to the contrary becomes available.

Determining the Probability of Success

In recent years, medical negligence/malpractice has become one of the major growth areas in medico-legal practice. However, figures from defense organizations suggest that only a few actions actually succeed with a vast majority failing based on causation. As consequence is not the same as consequence, Mr. Peyton believes that it is important to determine at an early stage the probability of a case to succeed.

To help offset the escalating costs of litigation, Peyton Medico-legal has introduced a provision



of preliminary screening reports to ensure that the elements of duty, breach, and consequential damage are likely to be in place before commissioning other more costly specialist reports. This keeps down the costs for clients and their legal advisors as well as enables lawyers to manage clients' expectations at an early stage at a minimal cost.

“Lack of Professionalism will not be tolerated...”

Mr. Peyton believes that being an expert witness has become more professionalized now than it was when he started. He mentions that courts have tightened up concerning their expectation of witnesses and, of particular importance, has been the loss of immunity from liability for those giving evidence. “Overall, I think this has been for the better. There still tends to be a lot of exaggeration, if not outright fraud, inflicted within the claims industry,” he asserts.

The business environment in personal injury cases—with an added emphasis on financial compensation—can induce a tendency to discard facts for portraying the claimant's case in the best way possible. Unfortunately, this has been enabled by some medical practitioners who fail to understand their duty is towards the court and not to those instructing them. This can lead to the defamation of professional medico-legal experts and can have a severe impact on their personal, professional, and financial well-being. Mr. Peyton adds, “The message is clear. Such a lack of professionalism will no longer be tolerated.”

Why do Medical Mistakes Occur?

Alongside a lack of professionalism, there are several other mistakes medico-legal experts make. Expressing his views on those mistakes, Mr. Peyton

says, “It is in the way in which decisions are made.” According to him, there are three primary types of logical reasoning—deductive, inductive, and abductive. Deductive argues from the general to the specific and if the generality is correct, then the specific is correct. “For instance, if I have a jar of white marbles and I take the marbles from the jar, then those marbles are liable to be white. In court terms, this is the doctrine of res ipsa loquitur,” he adds.

Inductive logic, on the other hand, starts from the specific and works back to the general. Mr. Peyton illustrates, “If I have five white marbles in my hand and they came from a specific jar, then all marbles in the jar are liable to be white.” This, however, may not be true and is the basis of the null hypothesis in statistical research. Thus, papers that states results “nearly reached significance” have to be handled diligently. They either reached significance or they didn't and the problem in the law is arguing with a specific bias and producing only evidence that equates to one side of the argument.

At last comes the abductive reasoning. “For instance, if I have white marbles in my hand and there are white marbles in the jar, then the marbles in my hand came from the jar,” states Mr. Peyton. This is a big step and is one of the major causes of medical mistakes where a set of symptoms are assumed to indicate a particular disease process. “This is a cognitive bias where alternatives are not even considered in spite of evidence to the contrary,” he adds.

For more information or any queries on Medico-Legal issues, please visit www.rpeyton.com to schedule a complimentary consultation



Cashflow Solutions from Paul Michel Finance



Many companies at some stage find themselves in need of cash – for meeting monthly expenses, payroll, tax liabilities, or new opportunities. It can be a frustrating position, to be awaiting satisfaction of invoices for work already completed as bills pile up or opportunities slip away. Although Government-backed schemes have helped a vast number of companies weather the challenges of the past year, many others have been unable to access funding. Paul Michel Finance is a partner of Fifo Capital England, providing short-term financing solutions to limited companies in need of cashflow.

The company offers three main funding strategies:

1. Elective Invoice Discounting: Paul Michel Finance purchases invoices for work already completed, advancing up to 85% of the invoice value to its clients. When the invoice is satisfied after 30, 60 or 90 days, the company

deducts costs and passes on the residual to its clients.

2. Short-term Business Loans: Paul Michel Finance provides secured loans to businesses from 3–12 months, or negotiable thereafter.
3. Trade Finance: Paul Michel Finance purchases supplies for its clients, secured against verified purchase orders and the resultant invoices.

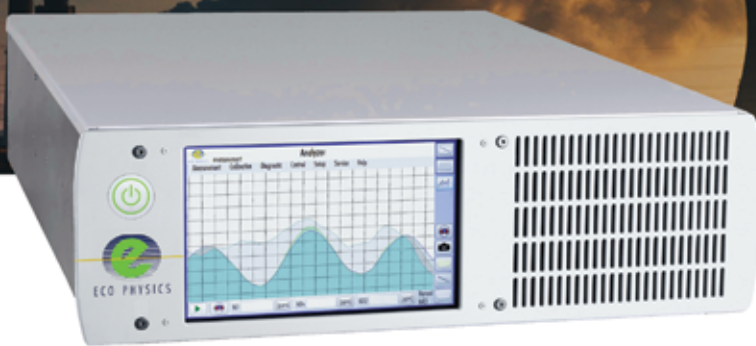
Solutions can be tailored to clients' needs, incorporating some or all of these strategies. Clients are grateful for this flexibility. They are not tied in to long-term contracts, only using the company's services when they wish to. Nor is there the need to provide Paul with the whole book of invoices. Moreover, decisions can be made more quickly than many institutions, and this means access to funds much sooner. There is no typical client for Paul.

Some have enjoyed healthy finances, but require flexibility and speed for occasional purchases. Others have struggled to secure finance from more traditional lenders. A number of his clients have sought to grow their business, and others just to refinance. Short-term finance offers flexibility, discretion and speed for companies in need of funds. As businesses begin the journey of economic recovery after the past year, they might do well to consider short-term funding secured against work already done.

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World First in Leicestershire



Leicestershire business designs a World First Flooring System made using 100% recycled white plastics.

Abacus Flooring Solutions Limited were formed in July 2020 by Nick Megson after working in the Industry for more than 3 decades. Nick has been the Industry Ambassador since 2005 winning no less than 12 awards for recycling and sustainability. When Nick started the business his intention was always to continue his strive to do things the right way.

Researching materials that would suit the reprocessing method were put to test, ranging from Loo seats, light switches to name a few.

Months of testing starting with the first batch being used at JCB Uttroter. Since then, Abacus Flooring Solutions have used the system at HNRC in Worksop, The Sturges Motor Group, LCFC plus many more Blue Chip companies.

Nick has recently won a contract to install the flooring at Wembley, not happy to simply supply recycled white plastic flooring, Nick has tested the use of old and broken Wembley spectator seats with great success.

Nick and his team install the first ever seamless resin floor made using recycled stadium seats.

Nick is incredibly passionate about recycling and continues to look into new possibilities of recycling for his flooring.

The flooring systems are used mainly in the Industrial use such a Production Areas, Warehousing, Workshops, Engineering, Aerospace and Pharmaceutical.

Abacus Flooring Solutions work throughout the UK but have completed many projects in the Leicestershire area. Nick is looking at growing the business as on his own does prevent the growth he knows is possible.

Nick proudly turned over in excess of £600,000 in his first year and year two is looking at a 30% increase in revenue.

Working our of offices and warehousing in Coalville the company has firmly set its roots in Leicestershire. Nick is looking into possibilities of employing more people to install the flooring and can offer Industry Certified schemes for the correct applicant.

"My intention has always been to build a business where everyone has a voice and is an integral part of the growth. I'm extremely excited about the long future of Abacus Flooring Solutions and will be gifting share to the people that grow with the business."

Abacus Flooring Solutions offer an amazing service of a free survey, options, specifications and quotations are provided all free of charge.

"The after sales process, in my opinion is equally as important as the initial contact, and we pride ourselves in ensuring we deliver the full service."

Site surveys to include slip testing is also available by contacting Nicks office on 01530 432790 or email admin@abacusflooringsolutions.co.uk



Tel: 01530 432790

nick@abacusflooringsolutions.co.uk
abacusflooringsolutions.co.uk

RESIN FLOORING SPECIALIST FOR YOUR BUSINESS

Offering bespoke flooring solutions
for your business

We offer a full range of flooring solutions, including Epoxy, Polyurethane, MMA and Polyaspartic. Each of these flooring solutions come in all types, thicknesses, colours and properties, and we work closely alongside innovative designers in order to tailor our services to suit your exact requirements and budget. Your needs are kept at the forefront throughout, in order to ensure your project is delivered to your full satisfaction. Being approved by most resin flooring manufacturers ensure you receive a whole of market choice.



BUILDING UPDATE

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Water Treatment tanks and systems

2021 was a successful year of Concrete Washout and Water Treatment Systems for Kelly Tanks across the UK, Ireland, New Zealand, Sweden, Spain, France and Denmark, affirming their solid reputation for providing innovative and cost-effective solutions to the construction industry.

The well-established CWS Concrete Washout has remained the product of choice for washing off concrete wagons and equipment onsite whilst demand for Water Treatment tanks and systems for filtration and/or separation has continued to grow. Kelly Tanks remain consistent in releasing new products to help ensure safe and compliant waste-water treatment on building sites across the UK and overseas including a range of modular Dosing Units used for monitoring and controlling pH & TSS levels and/or providing proportional chemical dosing.

Kelly Tanks were also able to attain Constructionline Gold Membership, SSIP and Acclaim Accreditation ensuring they meet the PAS91 and Common Assessment Standard. This year, Kelly Tanks are expanding their fleet and product range as well as improving their facilities and attracting more talent to team KT. Kelly Tanks are also looking forward to giving back to their local community and keyworkers again this year with continued volunteering and donations.

Innovation and sustainability also remain the focus, kicked off with the introduction of a mobile renewable energy system that unlike existing options, does not require a backup generator.

The hybrid solar & wind unit is ideal for generating power in remote areas in all seasons and the systems Wind Solar Hybrid MPPT Controller with dump load provides protection functions such as overcharge, over discharge and overload to guarantee peace of mind



that power is successfully generated and stored ensuring the user is never left without power.

Kelly Tanks innovative product range is complemented by a commitment to excellent customer service. "As a company we pride ourselves in putting the customer first. We are proud of our fast, nimble approach in providing our customer with exactly what they need. As well as our equipment, we can supply familiarisation training, testing services and full onsite water management teams. We also design and build bespoke systems to ensure our customer always receive the best equipment for their application".

2022 will also see Kelly Tanks exhibit at the UK Concrete Show in May and Hillhead in June where they are expected to showcase their latest developments in Concrete Washout & Water Treatment.

If you'd like to find out more information on Kelly Tanks' full range of products, head to the website or get in touch using the contact details below.

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Four Oaks
see them on.....II



Tomorrow's Forest
see them on.....IV



Vandecasteele Houtimport
see them on.....VI



Southside Waterjet
see them on.....VII



DK Tools Limited
see them on.....X



Kedel
see them on.....XVI



CheckedSafe
see them on.....XXI

Drainage

Concrete Channel with Basalt Fibres – New Era Begins for Hauraton

Hauraton makes concrete material even more efficient for modern drainage technology by enhancing the formulation with natural basalt fibres. The addition of mineral or textile fibres increases maximum stability, strength, and impact resistance. By amplifying the impact resistance, the more robust and durable the product. This is particularly important for components that are exposed to considerable dynamic stresses, in this case, drainage channels subject to vehicles at high speeds or regularly trafficked by heavy loads.

Basalt Fibres: Natural and Sustainable

Hauraton's new era in concrete production by utilising basalt fibres has not only created a durable building material, but also one that is 100 percent natural. The basis of basalt rock is available all over the world in large quantities which is formed naturally on the earth's surface. By combining basalt fibres with the well-known

material concrete, both the structure and the service life of the product is increased.

Mineral Mixture: Easy to Recycle

Since the end product is a purely mineral mixture, there is no need for material separation during disposal. This protects the environment as it is simply fully-recyclable at the end of the product's life cycle.

Convincing Strong Properties

Basalt fibres have outstanding properties. They can withstand temperatures of up to 800°C and are highly resistant to alkalis, acids, salts, oxidation and radiation. The effects of adding basalt fibres to precast concrete elements gives even more of a dimensionally stable, resistant and durable structure. Drainage systems made of basalt-reinforced concrete will assure longer performance.

Basalt Fibres are Versatile and Climate-Friendly

Basalt fibres are mineral fibres that have a higher melting temperature, better resistance to water, acids and alkalis, and more positive flexural strength. All this makes basalt fibres attractive in drainage technology, but also numerous other applications in construction.

Given the stricter climate targets, the energy consumption during production also clearly speaks in favour of basalt fibres, as basalt it has the lowest CO₂ footprint.

Contact
www.hauraton.co.uk



Horticultural & Joinery

Plants and Sundries to the Trade

Based in Lower Withington, Near Macclesfield only five miles from junction 18 M6, Four Oaks Cash & Carry is now the largest Horticultural 'one stop shop' in the UK! Since day one, we have attained our impeccable range and service to our customers propelling us far in front of our competitors. The Manager, Marlon Kent, who has over 30 years of plant and tree knowledge, handpicks our stock.

Pre-COVID-19 restrictions Marlon would travel to Italy and Spain in the early months of the year, ensuring only the best quality of stock is acquired. This stock would include

specimen trees, plants and sundries to the trade. Nowadays, as with most things, this is done via the internet, quality is not compromised as the stock is now 'visually picked.'

Four oaks is a specialist supplier of Mediterranean plants, our stock includes Olives and Palms in pots from 1 litre up to 1,000 litres and these are available all year round.

We have an extensive product line of over 1,500 lines of trees and shrubs on display from starter plants to specimen sizes, as well as young bedding and basket plants for which we are historically known.

Catching site of the recent demand for outdoor seating, specifically from the leisure industry, Four Oaks made the recent decision to begin to stock high quality garden furniture, and this decision has been a resounding success through its sales. Furthermore, we have extended our range of pots, which include terracotta, glazed and authentic wooden half whiskey barrels, just a few of the exciting addition to our ever-growing product line.

We also offers compost and feeds, a wide range of Draper garden tools, hanging basket and liners, pots, bowls and planters, a range of Meadowview stone, sundries pots and bowls, a large range of sundries are available as well as a new range of aggregates being added to the company's Autumn stock. Seasonal specials are common at Four Oaks, alongside its superb selection of planted hanging baskets and patio pots.

For more information, please see the details below:

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30 years of joinery excellence – Happy Birthday to us!



Bluerun Ltd is dedicated to manufacturing top quality, bespoke custom-made joinery for the domestic and commercial markets. All of our joinery is manufactured on premises using hardwood, softwood or sheet materials. As well as offering finished goods sprayed to a primed or painted finish, Bluerun Ltd also offer other treatments and installation services for some products.

Bluerun Ltd is a family run business and was established in October 1991 by its current Managing Director, John Jones. Based in Wimbish, just outside Saffron Walden in Essex, its factory covers 7,000 sq. ft., and can manufacture in hard or softwoods, and veneered and painted panels. Its modern spray paint and lacquer facility enables products to leave the factory in a fully finished state. The ethos surrounding the company boasts comradery, team work and dedication to the customer. Here at Bluerun Ltd we promote quality, family and pride in all that we do. The bespoke items manufactured in our workshops are made to a high standard thanks to the joiners who make them. The whole team

take pride in their work.

A proud moment, in 2019, John Jones' daughter was the most recent addition to the board. From humble beginnings, the company has gained remarkable growth within the building trade and is well known for its top-quality joinery. Our bench joinery team is small and has extremely high standards. Whilst we use power tools and machinery, there is no CNC or computer aided design, or drawings used. We pride ourselves on being 'old school,' and still use hand tools to finish off many of our bespoke items. Everything is designed in-house, that is if no drawings are supplied by the clients.

For the commercial industry, the majority of its production is for commercial builders and manufacturing. Bluerun provides all type of commercial joinery products from large-scale repeat production runs of windows, frames, and doors, to both large and small-scale customers for internal and external projects. We also produce high quality joinery to meet the exacting standards of conservation areas or heritage sites.

We also provide domestic bespoke joinery from custom door replacements to bespoke furniture. Our portfolio includes doors, balcony balustrading, and gazebos as well as replacement stairs, banisters, mouldings or bespoke cabinets and bookcases for interiors. Bluerun Ltd has even designed and produced a custom-made Wendy house for a private client. Whatever your joinery needs, Bluerun Ltd can provide exactly what you're looking for.

October 1991 marks the company's 30th anniversary of incorporation – what a tremendous achievement made by all. We are all extremely proud. The company couldn't have made it this far without our joinery team and our loyal clients we have worked with over this time. Some employees have worked with John since the 1970s, at a previous company, and we believe that we have a great and loyal team.

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Founded by Dave O'Brien in August 2017, Castle Steel Buildings has evolved from a basic start-up, operating on what was essentially a franchise model, to a rapidly growing construction company with a permanent install team and a developing back-office operation. Previous to the company, Dave O'Brien had worked in the steel construction industry as an installer for over 20 years. After many years Dave was keen to build his own business that offers bespoke steel buildings with a guaranteed installation option. On the search for a business partner who could run the administration and logistics side, Dave approached John Rosling, who had a number of years' experience in public and private sector management. Since joining, the business has grown in strength at a fast pace.

Today, Castle Steel Buildings is well-known as an industry leader in its field. Offering a number of services to suit every budget including steel buildings for agriculture and rural, commercial and industrial, garages and sheds, as well as cladding installation. Understanding that customers prefer a personalised service, Castle Steel Buildings is committed to ensuring 100% satisfaction from start to finish and prides itself on its; affordability, to offer cost effective light weight composition of the buildings designed to reduce production and installation costs; versatility, with a range of buildings to suit every application; and top British quality, endeavouring to always support British economy. All Castle Steel Buildings materials comply with British Standards BS 6399(pt 2) and exceed ISO9001-200.

"These are among the many qualities that set us apart from our competitors," mentioned John Rosling, Director. COVID-19 has left a dramatic impact on steel production over the last 12 months, with many steel mills across the world shutting down. As such, steel suppliers are running low on stock, the price of steel has risen and there are incremental delays to customer orders. Castle Steel Buildings has worked hard to ensure this implication has not affected its production and most of all, its service to its customers.

"One of the major things we've noticed over the last year is that many people are put off having their steel building because of the cost of raw materials, something that has increased enormously with the pandemic and global shutdown. We've met this challenge by partnering with Peregrine Finance in York to offer a bespoke finance solution. This is a great option for companies looking to get their projects off the ground quickly while spreading the cost over time," said John. With more to offer in its arsenal, we asked John what the company's future plans were, he answered, "alongside a determined go for growth mindset, we're focussed on developing our range by introducing hot rolled steel designs. Cold rolled steel is inexpensive and effective but there are some limitations in the scale of building that can be done in cold rolled steel."

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Together we can restore biodiversity and rewild our world

In September 2020, Creating Tomorrow's Forests was established by Nick Hollingworth and Liz Boivin, with the mission to fight climate change and restore biodiversity across the UK. Creating Tomorrow's Forests enables businesses and individuals to actively invest in the natural environment, by channelling their funding into high quality biodiversity restoration and afforestation projects.

Sister company, Tomorrow's Forests, which was established in 2014, specialises in high volume commercial reforestation, and provides the planting expertise linked with scientific research, to make sure the right species of trees are planted in the right areas, and additional habitat such as ponds and meadows are created alongside to maximise the biodiversity at each site.

"We started acquiring land, offering businesses and individuals the chance to



WATCH VIDEO

been before – it really put things into perspective for people. It's important we take care of what we have. Scientists have been saying for years that we need to protect our climate, but it's easy to forget about this in day-to-day life.

Putting a break on everything we were used to during the lockdown switched many people's focus to nature, with more of us taking walks in nature and in woodland.

For this reason and because of the push for carbon capture schemes and biodiversity restoration, Creating Tomorrow's Forests has been getting more and more interest from businesses and individuals.

We are looking forward to developing the company further throughout the year and are already working on a number of exciting projects. We currently plant 2 million trees each year with Tomorrow's Forests, and we want to reach the same point with our sister company, while also restoring biodiversity and creating new ecosystems throughout the UK."

As well as offering expertise in restoring habitats, Creating Tomorrow's Forests also offers professional biodiversity offsetting services for businesses and construction projects required to demonstrate a biodiversity net gain.

You can contact the team to discover more about their full range of flexible habitat creation services.

If you would like to find out more information on either Tomorrow's Forests or Creating Tomorrow's Forests, head to the websites or get in touch directly using the contact details below.

Contact
T 01258 818003 Head Office
M 07824 673239 Nick Hollingworth (Managing Director)
M 07760 263548 Elisabeth Boivin (Managing Director)
hello@tomorrow forests.co.uk
www.tomorrow forests.co.uk
www.creatingtomorrow forests.co.uk



give back to nature and create biodiversity in places where it has been lost," explains Liz. "We are very excited about this project, and it is going well because businesses are prioritising sustainability and examining their environmental impact. We have already completed tree planting on a new wet woodland site in North Somerset and are currently working on new habitat creation projects in the North Devon Biosphere.

A lot of people are becoming more interested in biodiversity restoration and tree planting and the benefits it has, sequestering carbon and increasing biodiversity and habitats for animals. I think COVID-19 has brought things into perspective for a lot of people in this sense."

Indeed, although the pandemic halted many of Tomorrow's Forests' operations in line with

the construction industry, it meant they had more time to focus on developing their new venture. "We wanted to work on expanding Creating Tomorrow's Forests, acquiring more sites and diversifying what we offer.

So as well as offering tree planting services for our customers, we have now launched a totally new biodiversity banking programme which empowers businesses and individuals to fund active ecosystem restoration. For the first time investors can channel their funding into specific high quality habitat creation projects including wetland, meadow, woodland, or marine seagrass ecosystem restoration."

In return for their investment, customers of Creating Tomorrow's Forests will then receive detailed updates on the progress of their project and can visit the site in person, engaging them with the whole restoration process from start to finish.

And it is certainly true what Liz says – during the lockdowns across the world due to COVID-19, nature reclaimed many areas and people had more time to take stock and really discover what state the world was in. "Oceans were cleaner, animals were wandering the streets where they hadn't



Traditional brick production specialist

The Bulmer Brick and Tile Company, based in Suffolk, is a family-run business established in 1936. With over 80 years' experience in the industry, the English company truly is a master of its craft.

The Bulmer Brick and Tile Company is renowned for its traditional handmade bricks which, fired in a down draught kiln, have a distinctive finish that blends well with the original London clays bricks. The beauty of the Suffolk company's bricks lies in their traditional production method.

The bricks are made from clay dug from the same clay seam used since Tudor times. The wealth of experience amassed by the company coupled with their respect for the process is what separates The Bulmer Brick and Tile Company from the

competition. Having produced bricks for reputable clients such as the National Trust, English Heritage and Historic Royal Palaces, the company is able to lend its services to both private and commercial developments. Its facings and specials can be made with almost any texture; with 150 different sizes of facings and a range of over 5,000 special shapes, including all standard plinths, squints and copings and extends to purpose made chimney bricks, terracotta, mullions, jambs, floor bricks, pampments, decorative plaques, garden edgings and a full range of rubbing blocks.

Aside from offering a wide range of clay brick solutions, The Bulmer Brick and Tile Company further offers a select number of additional materials. It is a stockist of Singleton Birch Natural Hydraulic Limes and Lime Putty, available in a range of strengths

– NHL2, NHL3.5, and NHL5 – and sold in 25kg bags or 1 tonne bulk bags. Lime has proven to be the material of choice when laying the brick specialist's bricks and especially in the case of conservation work, with its natural strength and tendency to give 'movement' in the construction process favourable.

Among the additional materials offered are lath, chestnut lath and riven oak supplied in bundles, used for plastering or for roofing and the application of shingles. Further, The Bulmer Brick and Tile Company offers sheep's wool insulation, an efficient and eco-friendly insulation solution.

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OUR GOAL IS 100% CERTIFIED TIMBER FROM 2025



The Belgian fifth-generation family company, founded in 1883 Vandecasteele Houtimport still has to deal with old prejudices on the use of hardwood. “Everyone knows that timber is a sustainable material”, says Isabelle Polfliet, Compliance Manager at Vandecasteele, “a lot of users still associate tropical timber with the disappearance of the forests.” Nevertheless, Vandecasteele Houtimport is fully committed to certified timber.

Sustainability and reliability are an essential part of Vandecasteele Houtimport’s DNA. The company is determined to achieve the goal of trading only certified timber by 2025. Isabelle Polfliet: “As far as softwood is concerned, we are at 99%. The challenge, however, lies with the tropical hardwood and today we are at 66%!” Vandecasteele Houtimport has a clear vision: only certified timber has a future.

Substantial investments have been made over the years to be able to realize this future perspective. “You cannot achieve this goal overnight. This is a long-term job, in which all partners must be included. If we want to assure our customers that we keep our promise to only trade timber that comes from well-managed, certified forests, we need to be sure that all our trading partners share the same strictest certification and sustainability processes as we do.”

This has resulted in several actions within the company. “First of all, we were assisted by external experts to get the procedures and protocols in order within our company. For example, we apply a responsible purchasing policy that must be signed by every supplier.” Secondly, the team at Vandecasteele was reinforced with a forest engineer in Brazil. “That way we can keep a finger on the pulse of every shipment and we are able to accurately apply the ever-changing legislation in Brazil with great precision.

This sends an important signal to our suppliers. They know that doing business with Vandecasteele Houtimport means: complying with a procedure that is continuously refined and adapted. Every timber transport requires approval. When in doubt the timber is not accepted by us.”

DIGITALIZE
Last year another important step was taken in the partnership with 11 Foundry and their product Fibertrace. “This is in line with our intention to digitize all processes within our company. Fibertrace allows us to register all processes related to compliance in a structural and transparent way,” says Isabelle Polfliet.

“The choice for certified timber does not mean that we push all non-certified suppliers aside. We have a preference for certified wood. By working together with external auditors, we can carry out field audits and share the results and the expenses with colleague importers. This enables suppliers to gain insight into their processes and where there are areas for improvement. In this way, we will gain certified suppliers in due course.”

Vandecasteele has a long-term commitment to preserving the forests. The family business imports more than 125 different types of wood from 40 countries and has 105,000 cubic meters in stock, mainly certified hard and soft woods.

“This wide range of wood species is also due to our support for the LKTS program of FSC Denmark. With this we want to help promote the use of lesser known species. We keep these lesser-known types of wood in stock and offer them as an alternative. Too often, regulations refer to the known types of wood. From the point of view of good forest management, one must dare to choose the right durability class for an application instead of a specific type of wood.”



PRESERVATION OF THE FOREST
In a well-managed forest, only mature trees are harvested, which amounts to one to three trees per hectare. After that, felling will not take place for at least 25 years. In this way the forest is preserved for the future. Mother trees, trees with bee nests and the like are of course not harvested.


POSITIVE EVOLUTION
Isabelle Polfliet notes that a positive evolution is noticeable in consumer purchasing behaviour. Customers are increasingly asking questions about certification and the origin of the timber. Buyers are becoming increasingly aware of the need to use certified timber.

“Importing tropical wood goes further than just asking for certified wood. Internally, the processes and procedures must also be in order. Say what you do and do what you say. This means a continuous evolution within our company, because there are always new insights and legislation does not stand still (‘the new Deforestation Law’). Due to our collaboration with external experts, we are broadening our internal knowledge and continuing to make progress.”

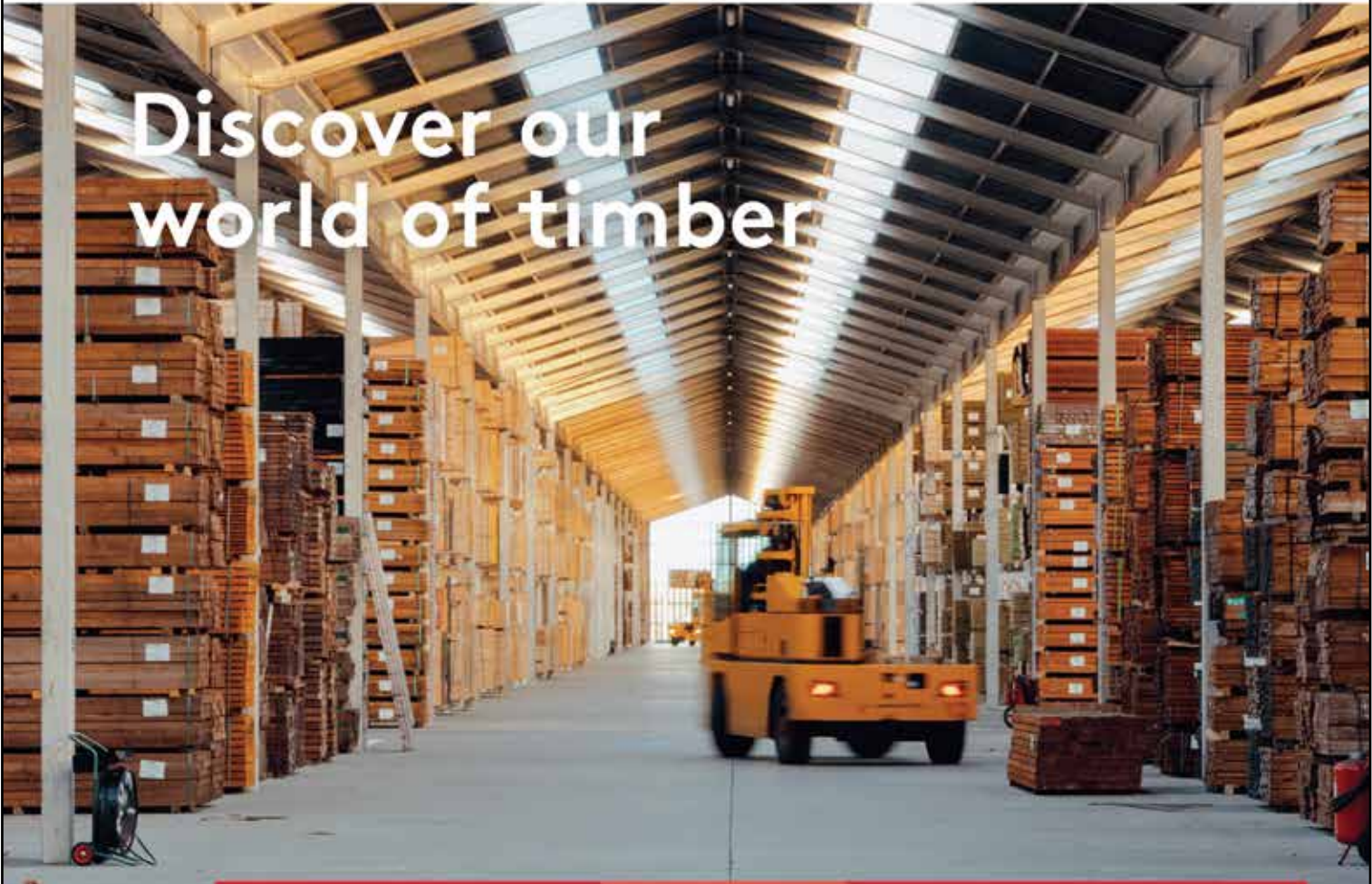
Considerable steps have already been taken with the arrival of the EU Timber Regulation, but we can and should do even better. “We want to see and monitor a stronger application and support for certified timber. Vandecasteele communicates continuously with the users via the website and campaigns in order to get that

message out. This is necessary, because the purchase of FSC® certified wood contributes to 14 of the 17 Sustainable Development Goals (or SDG’s) of the United Nations’. Since the year 2000 Vandecasteele Houtimport has committed itself through the Corporate Durability Charter by signing up to environmental objectives exceeding the applicable legislation. In 2018, the charter started a partnership with CIFAL Flanders, the local HUB of UNITAR, the Training and Education centre of the UN. In 2021, Vandecasteele Houtimport was the first timber company in the world to have obtained the international recognized “SDG Pioneer certificate” from UNITAR CIFAL.


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Founded in 2012, Southside Waterjet is situated on the south side of the river Thames. Southside Waterjet is a family friend run fabrication company dedicated to an innovative approach. It believes in exceptional design and attention to detail. With a reputation firmly built on quality, reliability and with a fresh approach to the likes of which haven't been seen before, Southside Waterjet has become a leading name in its industry favoured by architects, interior designers, contractors and customers across the UK.

Today, Southside Waterjet is made up of a small but dedicated team of professionals who have decades of experience in custom fabrication techniques that ensure our quality is never compromised.

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For commercial customers, Southside Waterjet win contracts with large numbers of contractors, architects, designers, and stone and tile distributors. It fabricates material to their exacting requirements creating architectural solutions, bespoke and customised wall, floor and staircase designs, furniture trends and swimming pool solutions.

For more information, please see below:
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Waterproofing you can rely on



Carlisle CM Europe (CCM Europe) manufacture high quality EPDM waterproofing membranes for flat roofing, façade systems and building solutions for the construction industry. CCM Europe is a dynamic company with ease of installation and durable roofing systems including EPDM & Liquid Waterproofing. As a leading manufacturer of waterproofing membranes and sealants, our market leading products are suited for a wide range of flat roof substrates for both new build and refurb.

The market leading advantages of Resitrix® is the unique combination of materials: the synthetic rubber EPDM and polymer-modified bitumen – making it a durable hybrid membrane. Our extremely flexible, single-layer waterproofing membrane can thus be applied on almost all substrates. The membranes are welded together quickly, easily and safely using a hot-air device without any need for naked flames," stated Shail Chauhan, Marketing Manager.

One particular product worth noting is the ARBOFLEX® PU, a single component liquid made from pure polyurethane, which, once cured, forms a seamless elastic membrane without any joints. The material properties of ARBOFLEX® PU enable it to be air tight and waterproof on a range of substrates. Alongside its high performance and wear-resistant membrane, ARBOFLEX® PU can adapt to any surface: uneven, curved or irregular, and with its fast-curing properties can be walked on in 24 hours.

Comprised of one component that can be applied straight out of the tin, it allows for fast and easy installation, is green roof compatible and weather resistant, so it can be used all-year round. CCM Europe is not only dedicated to offering state of the art EPDM flat roofing seal solutions, but to also extend its expertise and knowledge to other professionals through its dedicated EPDM and PU Liquid system roofing training courses at the CARLISLE® ACADEMY. Designed by professionals for professionals, with a view that knowledge is sustainable material. The more you share it, the more you get back. The training content is intended to enable attendees to learn of the proven advantages of EPDM waterproofing solutions relating to roofs, façades and building in an up-close and hands-on manner. For more information, visit: www.academy.ccm-europe.com

With ambitions to continue their impressive growth, CCM Europe plans to keep collating together more opportunities for further development. As a dynamic company that aims to support and motivate its people as much as possible, it is continuing to review and develop new products all the time.

T 01623 627285
info.uk@ccm-europe.com
www.ccm-europe.com

Make your project possible

Building Update is proud to announce that DCON Safety Consultants Limited has received our Commitment to Excellence Award for 2020.

DCON Safety Consultants Limited offers leading health and safety consultancy and construction statute advice services. The company prioritises and specialises in the highest levels of informed and intelligent advice, senior project resource allocation



and compliance assurance. Informed by industry expertise, DCON Safety Consultants Limited knows that every project has potential risks, no matter what its potential benefits, so its team of highly experienced construction professionals helps to ensure clients' statutory conformity.

Upon gaining understanding of the specific needs, goals and desires of each client and their project, DCON Safety Consultants Limited is dedicated to implementing a design and construction management plan that will meet or exceed these requirements.



And, DCON Safety Consultants Limited ensures that there is honesty, integrity, trust and professionalism underpinning every project.

Moreover, the company's services are centred on three delivery principles:

- **Maximising Quality:** the company implements proven health, safety and wellbeing strategies to help clients achieve high quality and cost-effective work commensurate with the design of their projects.
- **Minimising Risk:** the company effectively manages design and delivery risk on projects to match each client's desired risk level profile.
- **Managing Compliance:** the company relies on its extensive background working on a wide variety of projects to assist clients in developing, monitoring and maintaining compliance performance.

This excellent service would not be possible without the leadership of Diarmuid Condon, a construction industry leader who brings unique perspectives to encourage, support and mentor the abilities of his colleagues. As a construction professional with a surveying background and experience spanning two decades, Diarmuid is emblematic of DCON Safety Consultants Limited's commitment to providing outstanding services to clients.

Diarmuid has contributed his invaluable expertise to over 400 projects over 20 years, with a client list including public sector departments, corporate owners, real estate developers, main contractors, design professionals and infrastructural bodies. With this incredible portfolio, Diarmuid is helping DCON Safety Consultants Limited to become a leader in health and safety consultancy across the construction industry.

Key to DCON Safety Consultants Limited's services is working as a Project Supervisor

for the Design Process (PSDP) in various sectors across the Irish construction market. No project is too simple or too complex for the company's PSDP consultants, all of whom are construction professionals with an average of 20 years' experience in the built environment. The ability to maximise this knowledge and skillset means DCON Safety Consultants Limited can generate distinctive and innovative ideas from traditional PSDP service inputs and outputs.

Additionally, DCON Safety Consultants Limited offers planning compliance assurance services. The ability to strategically support a positive planning decision is exclusive to the company. Its Draft Construction Management Plans (DCMP) inform the overall planning, coordination and control of a project from the beginning of construction to completion. The DCMP also safeguards the obligation placed upon a client to produce a safe, functional and financially viable project.

DCON Safety Consultants Limited also provides its main contractor clients with intelligent, practical, and reasonable physical site safety advice to support compliance and good practice adherence. Behavioural safety outcomes inform how the company approaches each solution with the contractor and their supply chain, identifying opportunities for improvement.



To complement this, DCON Safety Consultants Limited can also help with clients' health and safety strategy. Its holistic and integrated approach can help unlock substantial benefits for clients by providing a structured, objective and SMART framework for full optimisation through the creation of an environment that embraces health, safety and wellbeing.

This means DCON Safety Consultants Limited helps clients to improve their health, safety and environmental performance; enhance staff satisfaction thanks to improved performance; improve risk management and corporate governance with a clear audit trail; gain confidence from long-term planning, better sustainability and

performance; and improve overall corporate reputation, including greater staff satisfaction and a more efficient procurement and supply chain.



Finally, DCON Safety Consultants Limited can offer a safety expert witness service, which is headed by Diarmuid himself. He has extensively supported safety-related matters, and is a certified and competent safety professional who will work with clients to identify exactly what kind of safety expert is needed. Then, he will use an extensive network of contacts to recruit the right person to protect clients' interests.

DCON Safety Consultants Limited's fantastic service offering and proven track record

of offering leading health and safety consultancy services makes the company a worthy winner of our Commitment to Excellence award. Such achievements are proof that DCON Safety Consultants Limited is well-placed to help ensure your safety, health and wellbeing and make your project possible.

If you are interested in finding out more information on DCON Safety Consultants Limited's full range of excellent services, head to the website or get in touch directly using the contact details below.

T +353 (0)1 611 1556
info@dconsafety.com
www.dconsafety.com

Door scheduling made easy, fast and error free



Established in 2002 by Derek Brown, RapidSpec is the first software developed for automatically creating door schedules, drawings, project estimates and bills of materials. Designed to eliminate errors in door set specification and the production of door schedules, RapidSpec is an industry leading software product proven to find any doorset's details from any customer and any project within 15 seconds.

"As software specialists for manufacturing processes, we have produced a software system for fire door manufacturing that not only improves productivity, ensures a faster turnaround and is proven to eliminate

a greater number of errors, but also results in lower admin costs whilst producing a higher return on investment than other software systems on the market," stated Carol Cole, Business Consultant.

With RapidSpec everything is instant. Long gone are the days of spreadsheets, RapidSpec offers instant quotations that include all of the auto generated doorset drawings required. Simple to navigate, the operator uses multiple choice, yes and no questions together with the required dimensions and RapidSpec does the rest. The process is time efficient, cost effective and simple to use.



**Robin Bell, Sales Manager
at Rapid Spec**



Free phone: 03337 00 00 17
www.rapidspec.co.uk



CONTACT US NOW FOR A FREE QUOTATION OR DEMONSTRATION



RapidSpec will give you 20 – 30% more quotations from your estimators and at the same time make their work easier and much less stressful.



The savings from RapidSpec's error free automatic bill of materials alone is normally enough to pay for the software.



Take the worry and stress out of scheduling. In the background, as you select items, RapidSpec is making hundreds of checks for you. Less double checking = higher output!

Manual data entry falls victim to human input error, which is both time consuming and frustrating for the employer and the employee. It not only impairs performance and efficiency but can result in higher operating costs and fluctuating levels of performance and continuity. With this in mind, RapidSpec offers two services: Fire Door Scheduling and Door Manufacturing Software.

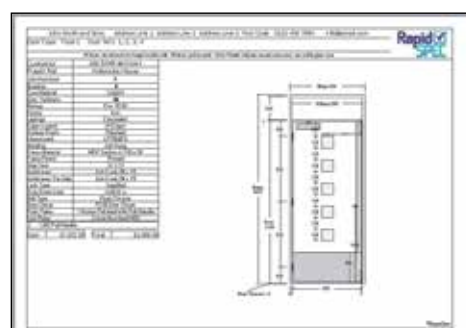
Door Manufacturing Software allows manufacturers to produce detailed door schedules much more efficiently than traditional spreadsheets, calculators and catalogues. RapidSpec uses the existing skills of your estimator who will be able to create professional quotations immediately with just one hour of training. The orderly input of data ensures that nothing is left out and everything is checked. From the data input RapidSpec then automatically creates a scaled, detailed, and dimensioned doorset drawing.

Ideal for manufacturers and fabricators of custom, standard interior and exterior doorsets, as well as architects, contractors and fire door manufacturers. "We have now introduced a barcode functionality and we are constantly updating and improving the software to create greater efficiencies for our clients," said Carol.

It is vital fire doors are designed and manufactured to the right specifications to ensure they have the correct level of fire resistance. Fire Door Schedule is a door specifying and scheduling software from RapidSpec that allows door manufacturers and designers to quickly and simply create accurate fire door schedules from standard specification sheets. The simple process is designed so that the operator only needs to answer a few questions and input the dimensions of the door for the software to then produce an accurate fire door schedule complete with diagrams, dimensions, project estimates and bill of materials.

Over the years, RapidSpec been continuously developing its software to offer the best solutions to its customers. Despite the pandemic, the company has achieved further growth and has big plans for the future. Robin Bell, Sales Manager at Rapid Spec commented, "We are expanding internationally, with a focus on the Commonwealth in the first instance. We have also just recorded a video highlighting the enormous benefits of using RapidSpec on our customers' productivity. This should be available on the website very soon."

Contact
T 03337 000017
robin@rapidspec.co.uk
www.rapidspec.co.uk



Leaders in DIY and Home Improvement

DKtools^{ltd}

DK Tools Limited is a manufacturer and distributor of hand tools and power tools for the DIY and Home Improvement market. The company sells directly to a network of Wholesalers, Retailers and Distributors under its leading brand; Amtech.

One of the biggest advantages at DK Tools and it's Amtech brand, is its valued relationship, that it maintains with its Wholesale and Retail distribution partners, which has helped the company gain an exceptional customer retention rate.

The Amtech visual identity and packaging is designed to simplify the shopping experience offline and online and DK Tools Limited ensures that its products offer great value for customers, complimented further with a three year guarantee on all hand tools and a two year guarantee on all power tools. Amtech also benefits from a regional sales team working across the UK and Ireland, while offering an award-winning eCommerce platform for its trade clients.

"The Amtech brand and product proposition is designed to make DIY accessible for all and we have a dedicated business-to-consumer website (amtechdiy.com) and YouTube channel, where we offer free advice on how to use our products. We also create personalised video tutorials for end-users of our products, and this is a key USP. This essentially helps to bridge the generational skills gap in DIY know-how," said Ricky Johal, Head of Marketing.

The company's commitment to equipping all generations with the skills and tools required to bridge the gap in home improvements and DIY, is just one of many examples, of the ways in which Amtech provides exceptional customer service. In fact, the company places the utmost importance on its company values, providing a family orientated work ethic, and delivering an exceptional customer experience for both trade customers and consumers. Notably, the Amtech brand and the company's services have been endorsed by The Telegraph Business Club, and the company has received a plethora of positive five-star Trustpilot reviews.

Regarding latest news for the company, Amtech has received well deserved recognition for both its products and people, and has received numerous awards. Recent awards have included: Lighting and Electrical Product of the Year, Hand tool and Accessory of the Year, Industry Personality of the Year, DIY Product of the Year and has also won 'E-commerce Solution of the Year', for its trade website (dktools.com).

Another recent acknowledgment, the company has been recognised by The Business Magazine for its efforts in continuing its operations during COVID-19, to pick, pack and deliver throughout the COVID-19-related lockdowns and BOOM in DIY.

In other developments, DK Tools Limited has undergone a digital transformation with new systems and additional employees, to future-proof the business and meet the evolving needs of its B2B clients and (omni-channel) shopping habits, of its consumers.

Looking forward, Amtech maintains many ambitious plans including to continue increasing its brand equity and retail footprint through award-winning products and content strategies that add value

across multiple B2B and B2C touchpoints. The company is also now an ISO 14001 accredited tool company and will continue to work on reducing its environmental impact.

Ricky added, "DK Tools plans to continue to innovate through our award-winning range of Amtech products and provide for our B2B customers ever-evolving needs, to meet consumer purchase behaviours. This dedication is echoed through a multitude of reviews and

recommendations by end-users of our home improvement tools."

For more information, please see below.

www.dktools.com (B2B)

www.amtechdiy.com (B2C)

[https://www.youtube.com/c/](https://www.youtube.com/c/AmtechDIY)

[AmtechDIY \(YouTube Channel\)](https://www.youtube.com/c/AmtechDIY)

[https://uk.trustpilot.com/review/](https://uk.trustpilot.com/review/amtechdiy.com)

[amtechdiy.com](https://uk.trustpilot.com/review/amtechdiy.com) (Trustpilot)



Become a stockist
dktools.com

Your partner for material handling

Davison Forklift was established by John Davison back in the mid-sixties, and was sold to Malcolm Harrison in 2018. Based in Shifnal, Shropshire the company maintains a rich history and has grown significantly since its inception, seeing impressive growth year on year.

"We are a machinery hire company specialising in the hire of forklifts, tractors and telehandlers. We sell, repair and hire the aforementioned machines. We are also dealers for Clark, who invented the forklift in the early 20th century. We take pride in providing a very personal service, which is second

to none," said Adrian. Throughout the years, Davison Forklift has explored new sectors and moved its focus into the hire and sales of new product ranges. By consistently expanding upon its product range, has enabled Davison Forklift to be able to discover and move into new sectors and enter higher markets,





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For more information please contact;
 **01902 420 123**
 **sales@davison-forklift.co.uk**
Ablow Street,
Wolverhampton,
WV24ERz

developing a broader customer base. Davison Forklift has positioned itself firmly at the forefront of the material handling sector, offering a broad range of products, complemented by a highly skilled team of trained forklift engineers that carry out on-site repairs, servicing and health checks. The company specialises in the hire and sales of forklift trucks and is the authorised UK dealers for Clark, Haulotte and Ausa. In addition, Davison Forklift is also part stockists for Clark, Hyster, Samsung, Doosan, Linde, Lansing, Ausa and many more.

In terms of recent developments, Davison Forklift has seen a recent relocation, moving to a new rural location in Yew Tree Lane in Shifnal, Shropshire. This move has helped the company explore new marks and helped to facilitate an investment into new equipment. As such, Davison Forklift has turned its attention to the hire and sale of tractors and telehandlers.

Included in its telehandlers range, the company offers two telehandlers; JCB 540-140 and JCB 535-125. Through JCB's commitment to providing outstanding products for its customers, the brand has flourished, growing from a one-man business into Britain's largest privately owned manufacturer of telescopic telehandlers and industrial forklifts. Both the JCB 540-140 and JCB 535-125 models are equipped with the latest technology and advanced design capabilities, with features such as: low fuel consumption, reduced noise, high torque and power output, total reliability and minimal maintenance.

Regarding its tractor range, the company currently offers one tractor manufacturer available for hire; the New Holland T7.210. New Holland is renowned as a Clean Energy Leader for its active promotion and development of sustainable agricultural technology, offering solutions that enhance efficiency and productivity, while respecting the environment. The T7.210 is a great addition to the company's range and offers a power range of 140 to 210 HP, with a rated engine speed of 2200 rpm.

If you would like to find out any further information on the company, please see the details featured below.

T 01902 420 123
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www.davison-forklift.co.uk

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Elevate is an innovative, hub of information that enables businesses to use proactive management instead of reactive management. Simplifying management, Elevate has automated as much of the process as possible, increasing the productivity and reducing down time and work load of employees.

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quality and providing a stress-free management solution.

Elevate has been designed to be extremely user-friendly and offers the latest features, such as the automatic programme, valuations and cash flow forecasts.

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Covers Timber Invest in Salvador Crosscut Technology from Daltons Wadkin

The installation of a Salvador SuperPush 250 chain fed automatic crosscut saw has allowed Covers Timber and Building Merchants to keep pace with increasing production demands and provide flexibility in staffing within their feeder mills.

Having supplied timber and building materials across the South East for over 175 years, Covers now boast some fifteen branches with an extensive range of over 25,000 product lines. Wanting to satisfy growing customer demand Product Manager, Peter Openshaw, saw an opportunity to help push themselves ahead of the competition.

"We are fortunate that we have highly-skilled sales people, excellent production capability and a very positive attitude being open to new opportunities", comments Peter. "Our

ability to source most things and improvise and adapt ourselves to reflect our changing market helps us achieve strong performance results. Our competitors are very good indeed so this pushes us to try even harder."

Following a thorough investigation of available crosscut saws on the market, Peter contacted Daltons Wadkin, sole distributors for Salvador in the UK and Ireland. "Peters requirements were very familiar – we have helped dozens of timber merchants with similar projects and I knew immediately we had the right solution", enthuses Daltons Wadkin Sales Director, Andy Walsh. "For high production crosscutting the Salvador SuperPush range is ideal; automatic push infeed, cutting list optimisation, heavy duty construction; easy to use".

The Salvador SuperPush 250 is a programmable crosscut

saw capable of processing up to 130 cubic metres of timber per shift. Up to 7 infeed loading chains ensure the machine is continually fed with individual or stacked work pieces while the offfeed collection area is automatically cleared for uninterrupted production.

Covers investment in a Salvador has given them flexibility in staffing which in turn has positively affected growth.

Turnkey delivery and commissioning was provided for Covers, expertly managed by the Daltons Wadkin project installation team. "We have a dedicated group of engineers within our service department whose sole focus is on delivering a frictionless installation and dedicated ongoing support when required", comments Andy. "We go to extreme lengths to ensure all our customers receive the best possible service for the life of the machine."



For more information on the Salvador range of crosscut saws, contact Daltons Wadkin on 0115 986 5201, email info@daltonswadkin.com or visit www.daltonswadkin.com

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Finding the right funding can be not only frustrating and tedious, but a long and often challenging task. Having a hands on approach, SME funding UK has over 20 years' of experience, specialising in commercial funding and invoice finance, and is well equipped with the resources, expertise and knowledge to assist you throughout the process of business funding. The company understands that as a business owner, you need quick results that provide you with the best funding solution. Utilising its expertise and access to over 150 lenders, SME funding UK has built a solid reputation on finding the right funding for its clients, echoed by its multitude of happy clients and testimonies.

SME funding UK Ltd is a business finance broker which was established by current Owner Henry Audley-Charles, to source almost any form of business finance for UK and Channel Island businesses, using traditional, alternative, peer to peer and fin-tech solutions. Henry maintains an impressive amount of experience and has been working in the banking industry for a multitude of years. Working with all the major players in the industry, Henry has worked with Lloyds, RBS and HSBC in Commercial and Senior Business Development roles as well as being the Regional Sales Director for an Invoice Finance Company.

Henry stated, "We are an Independent, ethical, FCA authorised and regulated finance broker. We help businesses borrow money from the right lender, at the right price."

Working both ethically and transparently, the company truly takes on the importance of finding not just funding, but the RIGHT funding solution for its client, saving them time and presenting its clients with the straight facts. Expert customer service is at the forefront of the company's operations, utilising its finance background of nearly 30 years' experience of banks, invoice financiers and independent funders; SME funding UK Ltd boasts the skills, expertise and connections to provide the best individual funding solution.

SME funding UK Ltd assists its clients to find the right funding for a variety of needs including helping with new and used: equipment, tankers, tools, trucks, vans and yellow plant. This is in addition to business finance requirements, including: Asset Finance, Bridging, Construction Finance, Personal Guarantee Insurance, Buy to Let, Cashflow, Commercial Mortgages, Invoice Finance, Loans, Property Development and Working Capital.

With its reputation being built on continuously exceeding expectations for its clients, SME funding UK Ltd is looking ahead to its future, set on continuing its hands on approach and dedication to clients.

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Your home is at risk if you do not keep up repayments on a mortgage or other loan secured on it. SME funding UK Ltd is a broker, not a lender and can introduce you to a number of finance providers based on your requirements and credit rating. We may receive a commission for such introductions. All finance is subject to application and formal credit approval.

Demon Designs: Experts in glass

Established in 2011 by Dominic Meakins, Demon Designs specialises in bespoke solutions for glass structures, offering consultancy, design and build services to exceed its clients' requirements every time. Fuelled by a commitment to excellence, the team at Demon Designs always goes the extra mile to ensure complete customer satisfaction, no matter what the project size.

One of Demon Designs' key advantages is its comprehensive service, offering everything the customer might need for their project. "Many of our customers want the hassle removed. For example, if they want a walk-on glass floor installed, they don't want to get a builder in to cut the hole, a plasterer to make good and a decorator to finish it off.

We can do the lot, including engineers' calculations." Recently, Demon Designs joined Check-a-trade, with a view to obtaining more domestic customers in preparation for the uncertainty of the current commercial market. "This has had some success, but we still find that the vast majority of our customers are either returning customers or new customers by recommendation, and you can't really get a better endorsement than that!"

Indeed, as well as a loyal customer base, this commitment to customer satisfaction has resulted in impressive successes for Demon Designs over the past eight years, and this year has been no different. "It's been an interesting year for us," Dominic told us. "We have seen a shift in the type of projects we win, moving away from large commercial fit-out projects towards domestic 'Grand Designs' type projects and installations.

In the coming years, Demon Designs is looking to complete more complex projects, to help the company grow even further and build upon its achievements since its inception eight years ago.

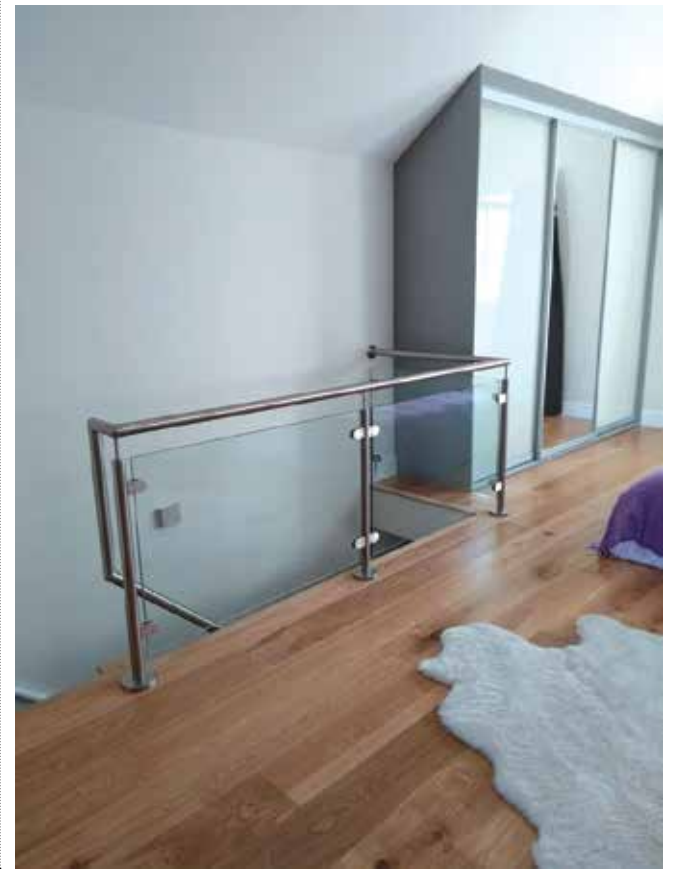
"We want to take on more bespoke projects, big or small.



I personally believe that you can only improve by pushing your boundaries, and this is true for business also. We are constantly taking on more challenging projects, often from other companies who don't want the risk. The great thing about this is that we often work for companies that would be considered competitors in other fields." Indeed, Demon Designs' future ventures are highly anticipated as it

continually develops and improves upon its capabilities. The company is always interested in taking on new customers, either commercial or domestic, so get in touch using the details below or head to the website if you wish to discuss your ideas.

T 01903 733206
info@demon-designs.co.uk
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Your partner in fire safety



In this issue of Building Update we are proud to announce that we have selected

DB Fire Safety Limited as the recipient of our Commitment to Excellence Award.

DB Fire Safety Limited is situated in Peterborough and was set up in 2013 by its Managing Director, David Black. David is a qualified fire risk assessor with over 30 years' experience working in the fire safety industry, with accreditation including from the Institute of Fire Safety Managers, 'Register of Competent Fire Risk Assessors.'

David first launched DB Fire Safety Limited after gaining experience working for two years as an independent fire safety consultant. Recognising the need for his services, David

launched DB Fire Safety Limited to provide independent fire safety consultancy, serving clients throughout the UK.

"We are an independent fire safety consultancy specialising in carrying out fire risk assessments. Our main operations consist of carrying out fire risk assessments and providing fire strategy documents for new buildings under construction", said David.

"In addition to offices and factories, we specialise in carrying out fire risk assessments of schools, residential care premises, hotels, and blocks of flats. We also assist building contractors and architects in developing fire



& evacuation strategies for buildings under construction or renovation," added David.

DB FIRE SAFETY LTD
TEL: 0800 772 0559
enquiries@dbfiresafety.co.uk

THE FIRE SAFETY ORDER

The Fire Safety Order 2005 requires that all businesses, including schools and all other educational establishments, have an up-to-date fire risk assessment and that staff receive instruction in fire safety procedures. Legislation also requires that fire risk assessments are reviewed on a regular basis (recommended to be at least annually).

It is critical that there is a suitable and sufficient set of procedures for staff to follow in the event of a fire emergency. Therefore, all staff must receive appropriate training in those procedures must be tested by carrying out regular fire evacuation drills.

It is also strongly recommended that all staff should receive instruction in general fire safety awareness. Such training would enable staff to fully understand the fire hazards and risks in their respective areas and, therefore, hopefully help prevent a fire from occurring in the first place.

In many schools, there may also be a requirement for senior staff to be designated as Fire Marshals; to have particular responsibilities in the event of fire.

DB Fire Safety has vast experience in dealing with all kinds of educational establishments; specialising in carrying out fire risk assessments and providing training to staff. Our training courses can be provided on site or can be accessed via our variety of e-learning courses. These are modular and can be accessed remotely as time allows.

From our offices in Peterborough, we cater for clients throughout England and Wales and offer a FREE 24hour consultancy service.

For more information regarding fire risk assessments or staff training, call 0800 772 0559 OR Email enquiries@dbfiresafety.co.uk



DB FIRE SAFETY

Through the company's industry leading expertise, DB Fire Safety Limited understands the difficulties in navigating fire safety legislation, and as such, the company prides itself on being 'your partner for fire safety'.

Under David's leadership and industry leading expertise in the fire safety industry, the company is well equipped to assist its clients and help to provide their client's businesses with a comprehensive document to identify potential sources of ignition, the likelihood of a fire occurring and the potential impact that a fire would have on its occupants. An assessment is then made of the documented procedures that outline actions that need to be followed in the event of any fire incident, and the required level of training and practice needed.

One of the main advantages of using DB Fire Safety Limited's services is its honest and efficient service, as an independent business without any conflicting interests.

David explained, "The benefit of employing ourselves is that we have no potential conflicts of interest in supplying or maintaining fire extinguishers, fire alarm systems, or installing fire doors etc."

The company also provides in-house training for Fire Wardens and Fire Marshals, as well as online courses, to keep staff and businesses compliant and safe. In addition, DB Fire Safety Limited also provides training courses for general fire safety awareness, which can be carried at the client's premises or via its online E-Learning modular courses. The online courses are a great resource for refresher training.

As the company looks to its future, DB Fire Safety Limited maintains its overall goal of continuing to provide its clients with the best support possible. David added, "we want to ensure their premises are safe, and that business owners and managers meet their responsibilities under fire safety legislation."

If you would like to find out any further information on the company, please see the details featured below.

T 0800 7720559
enquiries@dbfiresafety.co.uk
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We are an independent fire safety consultancy providing support to schools across the whole of England



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Number one choice for recycled plastic building materials



In this issue of Building Update, we have chosen Kedel as our Eco-Friendly Plastic Products Company of Choice 2022.

Kedel is a family business founded on ethical and ecologically sound principles. Dedicated to making sustainable living attractive, Kedel believe that by incorporating sustainable recycled plastic products into personal and working environments, it can create a happier, healthier and infinitely more sustainable future for generations to come.

Established by three brothers, Kieran, Dermot and Lewis Walch, Kedel is based in Burnley and supplies nationwide. We spoke to Lewis, who explained more about the company. "We manufacture plastic wood made from waste polystyrene, and we are also suppliers of many other types of recycled plastic profiles from other manufacturers. We stock tongue and groove boards, plastic sheet materials, decking, cladding, ground reinforcement and drainage grids, fencing and gates. In addition, we make a wide range of outdoor furniture often combining different types of recycled plastic into one product. These products include benches, tables, picnic tables, notice boards, to name just a few. We also offer design services and have a large flatbed CNC (computer numerical controlled) machine for cutting and shaping to the CAD design parameters supplied by our customers or created for them by our in-house design team."

As specialists in building supplies and outdoor furniture, one of the main benefits of the products and services provided by Kedel is the long-term investment advantages of recycled plastic. "It never rots, so if you build fencing or decking with it, you only do the job once in a lifetime. There's no cost of ownership, no maintenance - no costs for labour and materials, or for that matter, replacement costs.

Timber merchants are our main competitors, but wood is becoming increasingly expensive and difficult to source, due to the war in Eastern Europe, Brexit, and COVID-19 causing driver shortages leading to increased transportation costs.

And as everyone knows, the problem with wood is that it needs constant attention to avoid deterioration. Recycled plastic needs nothing more doing with it. Yes, the initial costs are higher, but over a 25-year period, a study by WRAP (Waste Resources Action Programme), in 2000 resulted in recycled plastic proving a more cost-effective material due to the product's extended longevity and zero maintenance properties," Lewis explained.

'Your Housing Association' in South Manchester installed plastic fence panels made from Kedel's recycled plastic about 10 years ago. They haven't had to replace a single fence panel since!" said Lewis.

Kedel's plastic wood was named 'Best Recycled Product' at the National Recycling Awards in 2015 and is an ideal maintenance free replacement for wood and other traditional building materials. Suitable applications include cladding, gables brackets, pediments, fascia boards, rafter tails, finials, fencing and decking. Kedel has over 1000 products in recycled plastics available on its website with a wide variety of profiles to choose from that could save you a lifetime of maintenance and replacement costs.

A notable product in Kedel's sustainable product range is fencing, that comes as fixed or portable panels, or you can buy the materials to make your own. You'll never need to replace a fence again. They are rot-proof and non-absorbent making them very hygienic and easy to clean. They don't chip, crack, or splinter, and are water and frost proof.

Ideal for education establishments and facilities management are Kedel's maintenance-free benches and picnic tables. They look like wood but perform like plastic, and the tables last at least five times longer than wood, making them a very attractive long-term investment. Key advantages include no splinters for little



fingers, more hygienic and easier to clean with standard household cleaning products, no painting or preservative applications, and they are very robust and vandal resistant.

"Recycled plastic products are carbon positive, because the waste plastic is reused rather than being thrown into landfill or used as EFW (energy from waste) i.e. burned like any other fossil fuel. They also reduce the use of traditional materials such as wood, leaving the trees in our precious forests where they belong, absorbing the CO₂ emitted by fossil fuels, and concrete whose production is highly polluting and makes the building industry a major contributor to global warming," said Lewis.

Since 2010, demand for Kedel's products have risen by about 30% each year. To accommodate such growth, Kedel has recently acquired additional computer controlled plastic extrusion lines to increase production of its plastic wood. We asked Lewis what Kedel's future plans are, "We plan on continuing to increase production and expand our buildings to house the additional machinery we need to meet this seemingly insatiable demand for recycled plastic products."

For more information, see below.

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Tomorrow's Forests can assist with the supply and planting of high quality local trees as well as sundry products required for your woodland creation project.

Our professional and dedicated team will carry out all the necessary surveys of your property, produce detailed designs and, with our skilled planters, implement the new woodland creation to the highest standard to meet your exact requirements.

We will provide help and advice throughout the process and ensure that specific government funding requirements are met. Following the completion of your woodland creation project, we can offer ongoing maintenance, upkeep and professional advice.

There are many advantages to the planting of trees on less productive or unused land areas and farmers and landowners can now obtain a number of government grant and funding options to help with establishing new woodland areas.

Woodland creation projects can be undertaken on suitable land from 3 hectares up to larger areas of over 10 hectares and can provide substantial environmental and financial benefits.

Woodland Creation Benefits Include:

- Timber production
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- Providing new wildlife habitats
- Stabilising river banks
- Game cover
- Improving the amenity value



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The Best in Brickwork

In this issue of Building Update, we are proud to announce that we have selected Bulmer Brick and Tile Company Ltd as the recipient of our Company of Choice Award 2022.

Bulmer Brick and Tile Company Ltd is a small, family run business, that specialises in all aspects of brickmaking. The company uses the traditional process of brickmaking and drying which dates back to the Middle Ages.

The company's bricks are made from the finest London Clays, and are hand-made, using traditional methods of making and drying, and are fired in a down draught kiln. This process creates the bricks distinctive finish that blends perfectly with original brickwork in historical buildings.

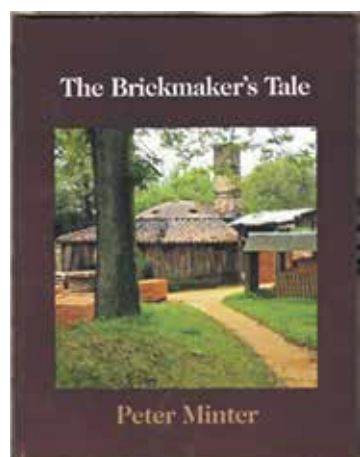
Finding the right brick aesthetic to match with a historical building, can be a challenge as many historical buildings have their own, unique brickwork size

and shape, meaning most facing bricks have been custom-made for the building. With industry leading skills and expertise, harnessing the company's traditional way of brickmaking, Bulmer Brick and Tile Company Ltd is able to deliver the correct size, style and colour to blend seamlessly with the original building, preserving the traditional design of the building.

Bulmer Brick and Tile Company Ltd facings and specials can be made with



Peter Minter: The Brickmaker's Tale



Peter Minter and his son Tony are well-known for their father and son business, Bulmer Brick and Tile. The family-run business has successfully been running for over 80 years and is extremely proud to say they have excellent expertise and knowledge in this industry.

Peter Minter wrote his own book, The Brickmaker's Tale, which entails a unique history of the Bulmer Brickyard and the craft of brick-making. Bulmer Brick and Tile pride themselves in saying that they are the most traditional in the UK that still uses methods to make bricks which dates all the way back to 1450. The first section

of The Brickmaker's Tale focuses on the early history of the site, the second part of the book explores from 1936 onwards when the Minter Family acquired to the company.

Finally persuaded by family and friends, Peter Minter wrote a book that recorded some of his unique knowledge and memories in a book. The book highlights the story of the Brickyard and the people that have worked there throughout the years. The Brickmaker's Tale touches on the recreation of historic bricks for National Trust properties which include Hampton Court Palace and Blickling Hall in Norfolk, not to mention the bricks for the extension of St Pancras Station in London.

The Brickmaker's Tale is available from local bookshop Kestrel in Sudbury Suffolk or direct from Bulmer Brick & Tile Co Ltd.

Contact
T +44 (0)1787 269232
bbt@bulmerbrickandtile.co.uk
www.bulmerbrickandtile.co.uk



Traditional brick production specialist

The Bulmer Brick and Tile Company, based in Suffolk, is a family-run business established in 1936. With over 80 years' experience in the industry, the English company truly is a master of its craft.

The Bulmer Brick and Tile Company is renowned for its traditional handmade bricks which, fired in a down draught kiln, have a distinctive finish that blends well with the original London clays bricks. The beauty of the Suffolk company's bricks lies in their traditional production method. The bricks are made from clay dug from the same clay seam used since Tudor times. The wealth of experience amassed by the company coupled with their respect for the process is what separates The Bulmer Brick and Tile Company from the competition.

Having produced bricks for reputable clients such as the National Trust, English Heritage and Historic Royal Palaces, the company is able to lend its services to both private and commercial developments. Its facings and specials



can be made with almost any texture; with 150 different sizes of facings and a range of over 5,000 special shapes, including all standard plinths, squints and copings and extends to purpose made chimney bricks, terracotta, mullions, jambs, floor bricks, pammets, decorative plaques, garden edgings and a full range of rubbing blocks.

Aside from offering a wide range of clay brick solutions, The Bulmer Brick and Tile Company further offers a select number of additional materials. It is a stockist of Singleton Birch Natural Hydraulic Limes and Lime Putty, available in a range of strengths – NHL2, NHL3.5, and NHL5 – and sold in 25kg bags or 1 tonne bulk bags. Lime has proven to be the material of choice when laying the brick specialist's bricks and especially in the case of conservation work, with its natural strength and tendency to give 'movement' in the construction process favourable.

Among the additional materials offered are lath, chestnut lath and riven oak supplied in bundles, used for plastering or for roofing and the application of shingles. Further, The Bulmer Brick and Tile Company offers sheep's wool insulation, an efficient and eco-friendly insulation solution.

T 01787 269232
bbt@bulmerbrickandtile.co.uk
www.bulmerbrickandtile.co.uk

almost any texture, from coarse veined to smooth, and offers 150 different sizes of facing and over 5000 special shapes, including all standard plinths, squints and copings. In addition, the company also extends to purpose made chimney bricks, terracotta, mullions, jambs, floor bricks, pammets, decorative plaques, garden edgings and a full range of rubbing blocks.

Working in collaboration, the company works closely with builders, architects and surveyors where possible, to ensure that the bricks they produce are the best match for the building and meet their clients' requirements. This is just one of the ways that the company showcases its commitment to providing outstanding levels of service for its clients, and Bulmer Brick and Tile Company Ltd ensures that each client receives a personalised service, tailored to find them the best brick solution.

Bulmer Brick and Tile Company Ltd's services, attention to detail and outstanding level of customer service, has helped the company gain an industry leading reputation.

As such, the company is highly recommended for its consultancy services on anything brick related. Included in its consultancy services, the company offers: site assessments, brick surveys and writes reports to Conservation Officers, English Heritage, Local Councils and other bodies.

Bulmer Brick and Tile Company Ltd has worked on many varying, large projects, including for the National Trust, English Heritage and Historic Royal Palaces. Equally, the company has worked on many smaller scaled projects and private work, which it approaches with the same, high calibre of quality service.

If you would like to find out any more information, please see the details below.

T 01787 269232
www.bulmerbrickandtile.co.uk



The Bulmer Brick & Tile Co Ltd

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bbt@bulmerbrickandtile.co.uk
Please visit: www.bulmerbrickandtile.co.uk

THE BULMER BRICK & TILE COMPANY LTD

The Brickmaker's Tale
by Peter Minter
Order your copy today

Bulmer bricks are made from the finest London Clays, dug from our seams almost continually since Tudor times. All Bulmer bricks are hand made, using traditional methods of making, drying and are fired in a coal burning, down draught kiln. We are a small family business continuing the traditions of brickmaking on this site dating back to the Middle Ages.

We work on large projects for the National Trust, English Heritage and Historic Royal Palaces, but are just as proud of some of the small private work undertaken by individuals.

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Complete compliance solutions



transport, and Darran has 25+ years as a solicitor, so our individual skills set us apart from other "IT" providers in the industry," said Gary.

CheckedSafe has a range of services from vehicle compliance solutions, compliance and regulations, risk assessment and incident reporting tools via the App that enables them to offer the client a complete solution. Gary explained, "We constantly develop our product from user feedback. We release new features at least every quarter and a new app probably every four months depending on what features we have developed. Customer feedback is critical to us, we know a lot about transport, but the end users have great ideas that we take on board and use to develop free of charge and push out to the CheckedSafe community."

CheckedSafe's web-based reporting system is accredited by DVSA and the FLTA and utilised across all fleet types of HGV, PCV, VAN, plant or utilities. If it needs a checklist, CheckedSafe can digitise and catalogue it, providing you with a cost-effective compliance solution.

With much of the industry yet to explore, over five

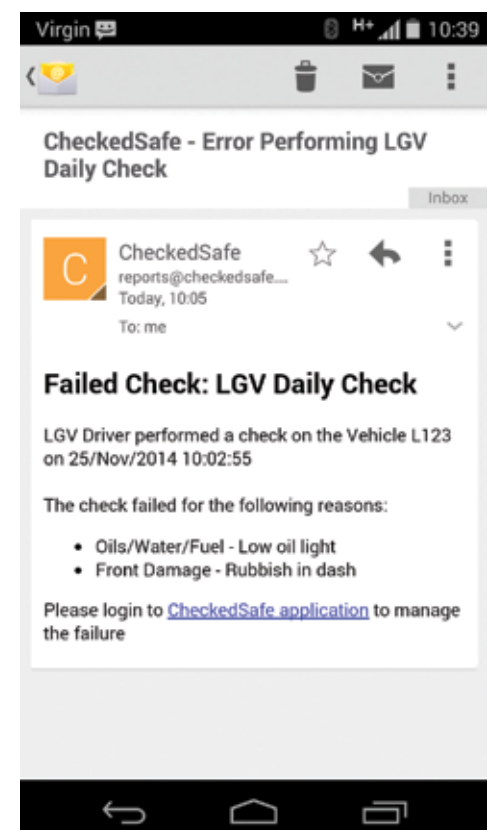
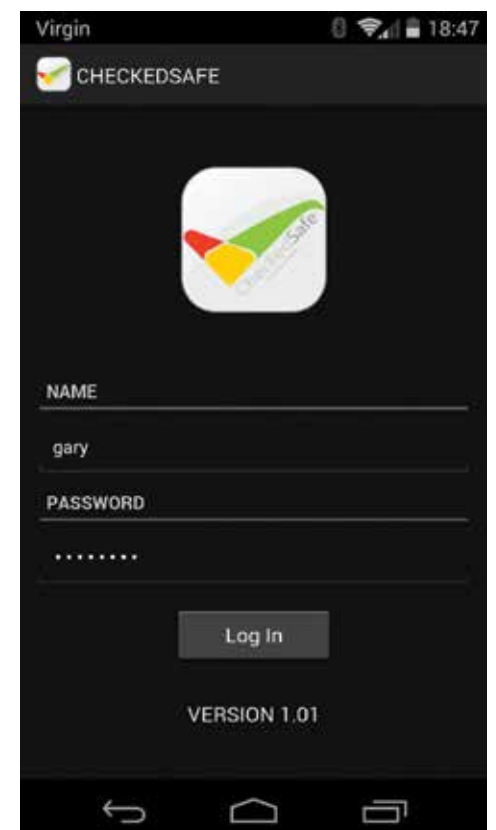


million commercial vehicles in the UK and over 20 million pieces of plant, there is a huge market for CheckedSafe to expand into. "Our plan is to furrow into the fleet industry and develop new features, and if from this market we get new ideas then we will look to develop them further. We have recently developed our API to link with Dynamic 365 for a large crane operator which will come into development later this year/early 2022," stated Gary.

Despite COVID-19, CheckedSafe has managed to outsource all marketing resulting in an increase in in-bound enquiries. Utilising platforms such as Zoom and Teams, less time has been spent travelling and more focus has been on growing the business from home.

Eight years ago, CheckedSafe was an idea, that today, has flourished into a fully successful business. Gary and Darran are passionate about what they do and provide a skill set that boasts professionalism and expertise. "We know our industry and our clients have an immediate infinity with us and put faith in us," said Gary.

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Stay safe with lightning protection

South West Lightning Protection provides a number of services throughout the UK including lightning protection, early streamer emission systems, upgrades of older systems, earthing services and design, safety line testing and inspection of horizontal safety line systems and PPE. Established in 2014, South West Lightning Protection was created by Gary Libby who has over 40 years' experience in the industry. Located in Plymouth, the company also has an office in Scotland. "Our core service is lightning protection installations and testing; we also design new systems. As we are a small company in comparison to our competition, we strive to provide a personal service to our clients." Stated Gary.

In recent news, South West Lightning Protection has commenced testing of roof mounted horizontal cable based mansafe systems, permanent ladders, guard rails, and safety anchors. These services are provided individually from the company's lightning protection services, and to save the client money, can be combined. South West Lightning Protection work throughout the UK to assist its clients with their project requirements regardless of their location. Within its lightning protection service, South West Lightning Protection is able to offer a

full installation and testing service, including BSEN62305 systems, BS6651 upgrades, NFC 17 102 early streamer emission systems and BS7430 earthing systems. Some recent projects have included chimney upgrade works in Cumbria, new air termination networks in London and a new roof tape system in Plymouth. South West Lightning Protection record all test conditions and results, and a reminder is sent out before the next test is due. The system South West Lightning Protection use provides an alternative solution to protecting structures where the installation of a British system is not a feasible or a viable option. Some benefits of its early streamer emission device include a more aesthetically pleasing device as the system only requires two down conductors and earth terminations to provide a path to earth. It is cheap to install and maintain, and as the number of roof conductors, down conductors and earth terminations are reduced, the system has a lower carbon footprint. Its clients include electrical contractors, ministry of defence, NHS, companies in the sectors of water, commercial, telecoms and facilities management, as well as individuals. The company holds a health and safety accreditation by SafeContractor which audits the company training and safe systems of work. All company engineers are CITB card holders for the work

they undertake, and DBS checked. Inevitably, South West Lightning Protection experienced a disruption in the industry from COVID-19, however, as the company provides a safety critical work to the ministry of defence, it was classed as an essential business, so work was able to carry on at a reasonable level. "We have produced a company COVID-19 policy which protects both SWLP operatives and clients. We work with clients to ensure we are in compliance to any restrictions on work which may be stipulated by customers." Stated Gary.

T 07807 334441
south@lightningconductor.org
north@lightningconductor.org
www.lightningconductor.org





South West Lightning Protection

www.lightningconductor.org

Airport Business Centre
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Also located in Scotland,
& London



Formed in 2014, and having over 40 years of expertise in the lightning protection industry, South West Lightning Protection, provides a full range of services from our office locations in the UK. With our trained operatives we are able to provide a full range of services, from conception to completion, and with our Safecontractor accreditation you can be assured works will be carried out adhering to all relevant health and safety requirements.

Whatever your requirements - we are always pleased to help

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- **Safety Line systems testing**



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The ERG group emerges from the pandemic even stronger than ever



The ERG group of companies specialises in the design, supply, and maintenance of industrial air pollution control and odour control systems. The ERG group comprises three operating companies: ERG (Air Pollution Control) Ltd, ERG APC Maintenance Ltd, and ERG (Plastic Fabrication) Ltd. We spoke to Richard Hanson, Managing Director of ERG (Air Pollution Control) Ltd who explained the group in detail. "ERG (Air Pollution Control) Ltd is staffed with highly qualified and experienced chartered chemical, mechanical, and electrical engineers who, together with design engineers, project managers and procurement professionals, provide industrial air pollution abatement systems and municipal odour control systems. We offer clients a full turnkey service from design to installation, and commissioning.

Our sister company ERG APC Maintenance Ltd provides routine servicing and maintenance for gas cleaning and odour control systems (whether sourced from ERG or supplied by others), to clients within the water industry and other sectors. Finally, ERG Plastic Fabrication Ltd provides custom fabrication of plastic and GRP vessels, tanks, and ducting. Its technicians are also highly experienced in fabrication methods with specialty plastics for use in extreme conditions."

ERG (Air Pollution Control) was founded in 1978. In 2001, the company was acquired by the current management through a buy-out. The headquarters in Horsham, West Sussex, is home to the project implementation and maintenance teams, as well as its in-house manufacturing facilities. Over the last 12 years ERG has also built up a full-service regional headquarters in Jordan and a branch office in Dubai to service its growing Middle East business. With 40+ years experience of air, process gas and flue gas treatment, ERG has an unrivalled reputation for quality and innovation and is accredited with ISO 9001, ISO 14001 and approved as a SafeContractor.

"Most clients come to ERG for systems and services to meet their environmental compliance requirements. Essentially, their processes produce air pollution, and our systems treat the pollution to comply with Local Authority or Environment Agency emissions limits and operating permits. For some other clients however, we provide systems and services which form part of the client's revenue-generating production process. For example, in the green energy sector our systems purify the biogas or syngas that they have generated, so that the client's process runs both more efficiently and with lower eventual pollution levels. In some cases our gas cleaning systems can even generate by-products which become saleable commodities for clients," stated Richard.

Moving forward, we asked Richard what the company's plans for the future entail. He answered, "we will continue our momentum, focussing specifically on industrial gas cleaning and municipal wastewater odour control. We are proud to have recently achieved one of our targets; the renewal of each of the framework contracts for odour control with Scottish Water, Southern Water and Thames Water, continuing our 15+ years framework service to these key customers.

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ERG Plastic Fabrication Ltd

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- PP – Poly Propylene
- HDPE – High-density polyethylene
- GRP – Glass Reinforced Plastic

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Leading the way in deep hole drilling

At Industrial Solutions, we take pride in showcasing the very best services provided by companies that provide a wealth of benefits for their industry. As such, in this issue we are proud to



Since its establishment, UNISIG has built up a trusted reputation amongst its broad range of customers. As the leading producer of gun drilling and deep hole drilling machines, customers of UNISIG rely on its deep hole drilling technologies for the powerful, intuitive capabilities they offer.

Serving industries such as aerospace, energy, firearms, hydraulic cylinders, medical, military and defense, molds, oil and gas, and automotive, UNISIG has a strong presence all over the world with installations in the Americas, Europe and Asia.



announce that we have selected UNISIG as our Deep Hole Drilling Specialists of 2022 and the recipient of our Industry Specialist Award.

Originally founded to provide deep hole drilling machines, accessories and related services to the US market, UNISIG is one of the largest producers of deep hole drilling machines, and an industry leader in technology, innovation, support, and service. From small job shops looking to expand their capabilities, to large OEM's that need to drill millions of holes, UNISIG has the capabilities and the strong understanding of the deep hole drilling process, drilling tools and their applications, to accommodate any specific requirement.



By offering a complete deep hole drilling solution that includes machines, tools and automation, customers will receive the upmost, highest quality service from engineers that hold extensive experience and expertise on deep hole drilling machines. Throughout the years, UNISIG's impressive drilling capabilities



have propelled the company to the forefront of the industry offering a service that goes completely unrivalled amongst competitors. Setting the standards of the industry high when it comes its technological advancements, UNISIG doesn't just manufacture deep hole drilling machines, it can also develop machines for other deep hole processes such as BTA, gun drilling, counterboring/reaming, pull boring, trepanning, skiving and roller burnishing, bottle boring, bottom forming and many more.



manufacturers the most in power and dimension requirements. As part of the deep hole drilling system, this range combines rigid deep hole drilling with durable components and powerful drives with smart controls, allowing manufacturers to get the most out of their deep hole drilling investment.

It is evident that UNISIG is at the top of its game, manufacturing some of the highest-quality machines in the deep hole drilling industry. With its team of dedicated experts all pulling together, the company is really showing how anything is possible when you work together to solve problems, not create them.

For more information, see below.

Contact
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Pushing the limits of BTA drilling, with on and off-centre capabilities that offer intuitive operation, UNISIG manufactures high power BTA drilling machines and trepanning that enable BTA drilling of 25mm to 500mm up to 20 m deep.

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‘The Health Professional in Court’: 10 principles for practice

For this month’s feature article, we interviewed someone who is acknowledged as one of the world’s top surgical coaches and an international authority in medico legal issues.

Mr Rodney Peyton, OBE MD is a Trauma Surgeon who has the unique distinction of holding Fellowships in all four Royal Colleges of Surgeons in the UK and Ireland as well as being a Fellow of the Royal College of Physicians in London. He holds a master’s degree in medical education from Cardiff University and graduated in law from the College of Law in London.

In his career spanning 40 years, he has been engaged in over 70,000 personal injury cases as well as being asked to advise on more than 3,000 cases involving medical malpractice.

He therefore has a wealth of experience in preparing cases for and giving expert testimony in Court and has been involved in the training of doctors and lawyers in dealing with medico legal cases, individually on a face-to-face basis, and also as a trainer and keynote speaker.

In this article, he will cover his 10 top strategies to help health professional’s deal with the Court process.

He is also a well-known author and international keynote speaker. For his availability to speak at your corporate events, contact him at: rpeyton@rpeyton.com.

Increasingly, senior professionals from all branches of the healthcare industry are finding themselves involved in the Court system, either on an involuntary basis, as a witness to fact or defendant, or on a voluntary basis as an expert witness.

Gone is the paternalism of ‘the professional knows best’ and there has been more and more scrutiny by the public of professional actions and attitudes.

Leaving aside the criminal law, which is an entirely different situation, civil legal cases are predicated on the fact that within every profession, or branch of profession, there exists a range of opinions as to what constitutes good practice. Defendants and expert witnesses are expected to provide opinions, witnesses to fact are not.

It is important to understand that, while judges are highly trained and experienced in the interpretation of the law, they and the barristers or trial lawyers who argue cases are nevertheless lay people when it comes to the healthcare professions. They are not medical experts and therefore require help in understanding the medical evidence before them. For the health professional, whether as defendant or expert witness, the duty is to assist the Court in their decision-making whilst at the same time maintaining and promoting their own professional integrity and reputation.

Most healthcare professionals rarely appear in Court. From personal experience as a teacher and trainer to those who do become involved, there are recurrent themes, which arise and so the following 10 principles have been developed to help guide professionals through the Court process.

Record keeping

Keep detailed contemporaneous records.

Any major findings or decisions, whether it be from working with a patient, a client or undertaking a project, should be on record, as one never knows when such



events may become the object of scrutiny. There is an old saying, ‘if it is not written down, it did not happen’ and oral evidence is likely to be regarded as weak and suspect unless there is written evidence to back it up. A little extra time spent in ensuring accurate, contemporaneous recording may save considerable time, effort and indeed stress at a later stage when trying to convince a Court that decision making was sound. Remember, all written communications are discoverable and may be used in Court proceedings. Therefore, it is important not to make any gratuitous comments within the written record.

When acting as an expert witness, always look for original, contemporaneous documentation to back up later oral recall of events. Stick to the facts as presented and derive opinions from them.

Producing a report

Reports should be timely, factually based and the opinions well-reasoned, taking full account of appropriate legal tests.

When producing a report, clarify whether you are acting as a professional or as an expert and keep the distinction between the two. As a defendant, you will be required to explain your position. It is important you outline any reasonable range of opinion, which informed your decision-making and actions, stating why your own should be preferred, ‘defence being the best form of attack.’

Being a witness to fact is a requirement rather than a choice. If you have been directly involved, provide evidence under clinical findings, observations and actions. Limit evidence to that which has been recorded and remember not to venture opinions or speculate on events.

An expert witness’s function is to help the Court by virtue of their knowledge, training and experience within their professional field of expertise. Reports must not intentionally mislead and any omission of relevant information reveals prejudice, whether acting as a professional or an expert witness. All opinions proffered must be logical, based on recognised clinical evidence and guidelines to include the appropriate standard of care, being clear what was relevant at the time of the incident. Always anticipate counter arguments, addressing them within the body of the report wherever possible and be alert to the potential for your own professional bias. Expert witness reports must be and must be seen to be independent.

Do not revise your report unless you have been subsequently provided with new facts, which need to be taken into account, at which time you must explain why these have made a material difference to the previous conclusions.

Attendance at Court

Always present as professional and credible.

First impressions count. This includes dressing appropriately for the Court and ensuring you have all your papers with you, particularly when actually giving evidence.

Make sure you take time to prepare thoroughly, highlighting any relevant areas in your report and those of others for ease of reference. Make sure you have taken time to think out potential questions or possible arguments which may be raised and

know your reasoning behind everything you are going to present.

Court procedure

Be aware of the Court procedure in whichever jurisdiction you attend, while you may be senior in your branch of the health care profession, unless you are highly experienced in Court practice, you are relatively junior in relation to the Court process. This is particularly pertinent for witnesses to fact who may be unfamiliar with legal proceedings.

An expert is engaged because of expertise in a particular subject and must, not only keep up to date in their own field, but also be cognisant of the requirements of the Court process. They are there to represent their point of view and assist the legal process.

It is important they do not come across as overbearing, as they are, in fact, servant/leaders, tasked with educating the Court and therefore must understand what is required from the Court’s point of view.

Constantly strive to improve your presentation skills, for example by giving talks on medico legal issues, so that you are used to standing up and delivering legal points in relation to medical cases.

Duty to the Court

Your professional duty as an expert or a witness to fact is always to the Court, no matter who engages you or why you have been called to attend.

This responsibility must be taken seriously. The role is to help litigants, their lawyers and the Court better understand the nature of medical evidence in individual cases so they can come to reasonable decisions. In this context, it is important they are helped to understand what acceptable practice was at the relevant time.

Health professionals do not have immunity when giving evidence. Not having this protection has unfortunately meant that some have been at the receiving end of severe public criticism, up to and including the award of costs against them and even a custodial sentence when the Judge considered that, by acts of omission or commission, the Court had been misled. This can have severe implications on personal, professional and financial standing.

Range of opinion

Always acknowledge there may be a range of reasonably held opinions.

In this context also consider possibility vs probability ‘more likely than not.’ If a matter comes to Court, there is going to be an opposing view from another professional expert who does not fully, if at all, agree with your opinion. Therefore, it is important to cover counter arguments in your considered opinion, which adds to the credibility of the report. The report must contain logical reasoning for accepting or rejecting other opinions and include any references, which are to be relied upon.

Guard against emotional statements and hyperbole and never denigrate others. Very rarely is ‘in my experience’ relevant in Court unless it is thoroughly backed up by objective evidence.

Credibility

Experts must stay within their field of expertise when giving opinions. They should have a bespoke CV for each case, indicating why they are a reliable expert for the matters at hand. It is in the nature of the Court process that opposing lawyers will try to diminish your credibility and it is wise to have answers for the three questions, which almost every barrister/trial lawyer will utilise at the beginning of an examination.

These are:

Do you know your duty to the Court, including your knowledge of relevant legal tests?
Are you an expert on all points on which you are giving an opinion?
Is there a range of opinion, which reasonable and respectable doctors may hold?



Ensure you are clear on your answers before getting into the witness box. This is all about credibility and as far as possible stay away from arguing about legal, technical and ethical issues.

Giving evidence

There are three types of oral examination for all types of witnesses, the evidence-in-chief, cross-examination and re-examination.

For Evidence-in-chief, your barrister or trial lawyer will lead you through your report and highlight any specific points relevant to the case. Cross-examination by opposing counsel looks at those points in detail, helping the Court assess credibility and ascertain whether there are in fact other opinions, which are equally valid. Do not get into an argument with the barrister or trial lawyer who is questioning you. Expect to be put under pressure during cross-examination but resist being provoked. Keep calm and answer to the bench. If you feel that your answers are being cut short unreasonably, ask the Judge if you may expand and follow their direction, always coming across as reasonable and professional. After answering the Judge or presiding officer then look back to the barrister or trial lawyer for the next question.

If you are given new information, which you did not have before then say so and, unless the answer is obvious, do not give a knee jerk reaction but ask for time to think it out. If it is not in your field say so and be careful of your own personal bias, again clearly separating fact and opinion. All your reasoning must stand up to logical scrutiny.

Re-examination is led by the instructing party to clarify issues, which have been raised during cross-examination. This phase is usually fairly short and rarely are any new matters raised.

Keep it simple

Keep all your evidence as simple as possible.

Remember, although the Court consists of lay people, they have considerable expertise and experience in handling different kinds of evidence. Take time to explain the issues at hand in jargon free, transparent terms, the more so if it happens to be a jury trial. Speak slowly, follow the Judge and his/her speed of writing or typing as they will be keeping a record of the proceedings.

Reflection

Reflect on the outcome.

After the verdict, as an expert do not take anything personally and learn what you need to learn. Similarly, as a witness to fact.

Think over what transpired and take time to reflect on what went well and what could you have possibly done better, or at least differently. As Stuart Emery states, ‘The path to mastery in any subject is to correct, not protect.’

Be open and honest with yourself and always seek to improve your practice as well as in the reporting and delivery of your evidence.

Once you have done so, move on. Civil Courts are not saying you are right or wrong in general terms, they are saying they prefer one set of evidence over another and it is only in the balance of probabilities.

Conclusion

Whether as defendant, witness to fact or expert witness, the process in civil litigation is the same.

By gaining an understanding and some familiarity with the process, practitioners can develop both confidence and competence in their role of presenting evidence. As an expert, the more often you appear in Court the more competence you gain and therefore the more confident you become.

Healthcare professionals are required ethically and by their professional bodies to continually update their practice, knowing why they do what they do in the way they do it, ensuring practice is evidence-based. However expert you are, you must not become complacent in either your practice or in Court.

Finally, all witnesses must remain neutral, explain the range of opinions, and be aware of their own potential for selective bias in any evidence presented. Courts are reliant on credible, impartial and articulate healthcare professionals and presenting as such impacts greatly on personal, professional and financial standing.

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A great ConSept from Allerton



Not only does Allerton install high quality units, the company also focuses on continual service of the equipment. This means that units Allerton has made and installed, of which there are over 1,200, are all still working efficiently across the country.



Allerton UK is a leading off mains drainage company, covering sales, servicing, commissioning, and repairs of all types of septic tanks, sewage treatment plants, sewage pump stations and soakaways. Working across the East Midlands and beyond, Allerton boasts a team of dedicated and experienced workers, all trained with British Water to ensure they are in the best position to properly assess a situation and correct it.

Established in 1974 by Jon Allerton, the company was originally concerned with draining farmers' fields. However, in the late 1980s, Allerton needed a new direction, and so began its work in off mains drainage.

As well as its sewage treatment plants and sewage pump stations which are made on the premises, Allerton also makes the ConSept. This converts septic tanks into sewage treatment plants, and can be fitted without excavations, apart from the shallow cable and air pipe trenches. This means customers can save around £3,000+VAT by avoiding excavators on site.

The ConSept uses the existing septic tank, removing the need to install a heavy plant or new tank, and it is quick to install to save time, money, and disruption. Moreover, it is manufactured using high grade composite materials and non-ferrous components, meaning the ConSept does not corrode. The equipment also has low maintenance costs, requiring servicing just once a year and desludging and emptying once every two years. Allerton will of course service and maintain all their own equipment, servicing, repairs, and surveys of sewage treatment plants is a major part of their work. The final effluent is discharged into a watercourse or soakaway, and installation and commissioning by Allerton's British Water Accredited engineers is included in the package.

"In particular, we make sure everything is explained to the customer from the beginning and throughout the process, and we always do what we say we will," said Jon Allerton, Director. "Minor problems are sorted out by engineers on site, and all the initial customer worries are dealt with in advance. We offer initial onsite advice, help with all paperwork such as planning and Environmental Agency permits, installation and ongoing servicing, including repairs. Every aspect of what we do is to please the customer."

In line with its ongoing expansion, Allerton has been taking on more staff and training them all to British Water standards. "I'm 78 soon, and the company has been recently restructured and is now Allerton Bradley Ltd. Jason



Bradley has been a large shareholder for several years, and has worked for the company for most of his life. His knowledge of all things sewage is vast, and at 36, he ensures the company can look forward to another 50 years of good service, and pleasing people!"

Allerton is continuing to expand, thanks to the real and immediate need of the company's services. Allerton's capabilities are helping people across the country save money, maintain their compliance with regulators, and ultimately protect the environment.

For more information on everything Allerton does, head to the website or get in touch using the contact details below.

T 0800 328 5492 / 01529 305 757
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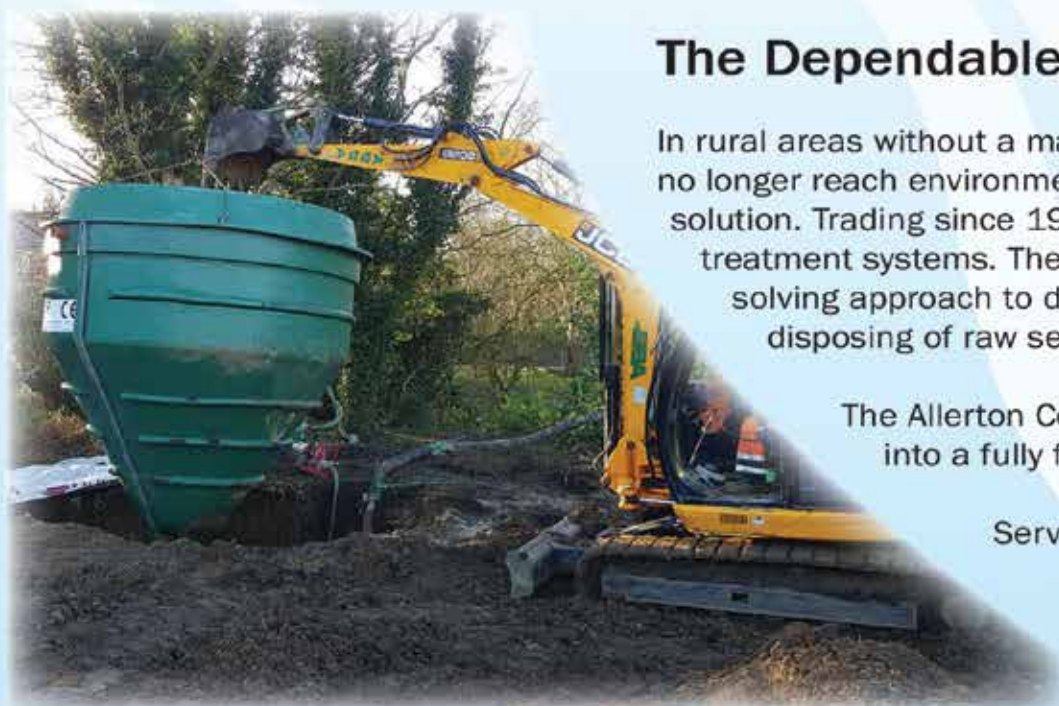
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In rural areas without a mains drainage system, and where septic tanks will no longer reach environmental standards, Allerton can provide the ideal solution. Trading since 1974, Allerton are leading specialists in efficient treatment systems. They pride themselves on their individual, problem solving approach to dealing with alternative means of treating and disposing of raw sewage.

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disruption for many industries and affected every company differently. Seeing an increase in its services during this time, Les remarked on its affect on SDS stating "We have benefitted from lockdown as people working from home were inconvenienced with noise coming from surrounding industrial sites, so we have been very busy supplying noise control solutions. Also, with an increase in leisure time spent at

home people have been listening to much more music and upgrading their system with Soundeck Hi-Fi enhancing products."

For any more information, please see the details below.

T +44 (0)191 259 0700
www.sounddampedsteel.com
www.soundeck.bigcartel.com



Sound Damped Steel (SDS) is a multi-award-winning noise control company which was established by Les Thompson in 2003 with the main aim being to develop, manufacture and supply materials for industrial noise and vibration control applications.

"The company make steel which absorbs vibration making it sound like rubber. It is supplied to OEM manufacturers to make chutes, hoppers and machine guards quieter, we also supply kits to retro-fit on existing noisy machinery which is a much more cost effective way of dealing with noise issues for a lot of businesses." Added Les Thompson, Managing Director.

SDS draws upon over 30 years of experience in developing new and practical applications across an extensive range of projects to help both end users and leading noise and vibration control consultants in solving their problems.



A speciality is pipelines. Gas, oil and other pipelines with their associated equipment such as valves are renowned for generating high levels of noise that require a solution. The current noise control measure is acoustic cladding. However, this contains a multitude of drawbacks such as the need to be removed frequently for inspection and additional associated problems such as condensation and corrosion. To tackle this SDS in conjunction with the INVC developed the Quiet Pipe Technology system which negates all the problems associated with current technology. Quiet Pipe works by interlocking acoustic close shields that effectively convert the pipe itself into a silencer element to diminish noise.

Another service created by Les is soundeck.co.uk "As a Hi-Fi enthusiast I made some damping feet and a turntable mat for my sound system. They worked so well that Soundeck.co.uk was launched to make the products available to the public. We get excellent reviews which has led to worldwide sales." Said Les.

The Covid-19 pandemic has caused

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Deep-Hole drilling automation is more than part load/unload

Originally published in Modern Machine Shop

Photos: UNISIG



For deep-hole drilling, part handling might be the most visible automation element, but it's not necessarily the most impactful. Often, it's internal process automation that yields the most significant results even with a manually loaded drilling machine.

When it comes to automating deep-hole drilling, there are challenges unique to the process itself. These include fixturing complexities – where maintaining alignment requires elements such as guide bushings and tool supports not present in a conventional lathe or milling machine – and part attributes such as length and weight.

Long parts mean a long drilling cycle time, and maintaining production rates often requires multi-spindle, deep-hole drilling systems. Unfortunately, stopping a two or four-spindle machine means two or four spindles sit idle until the parts are loaded and unloaded. So in these instances, the more parts in the machine at one time, the more automation can actually inhibit cycle time while the machine is running.

Solving this problem in multi-spindle machines requires internal automation to achieve the objectives of lean manufacturing and one-piece flow. In-machine loaders singulate processes so that even within a small four-piece batch you maintain one-piece flow. The operator or automation device puts in a part and takes a part out and the machine does a bit of maneuvering inside to sequence those four parts in such a way as to minimize spindle downtime while maintaining upstream and downstream processes for one-piece flow. For instance, parts could be loaded onto a smart conveyor, indexed, and lifted into chucks for the drilling cycle before robotic unloading on the out-feed side so that there are no bottlenecks to a steady production flow.

Tool life management is another form of internal



automation. Getting feedback to the machine enables the deep-hole drilling process to adapt or halt, if necessary, before tools and parts are damaged.

Tool life management is built into a machine's control, and the machine senses torque thrust and coolant. Chip condition is usually the first indicator of wear, which would otherwise require an operator present to detect, so the machine actually monitors the process and can predict tools starting to wear and identify when they need to be changed. A tool life management system also can count distances drilled and the number of cycles then prompt a tool change at the appropriate time.

That kind of in-machine automation smooths the path for external automation. As the process builds, highly standardized options for robot-ready machines such as an automatic door, workpiece-present sensors and programmable workpiece fixturing makes it easier to add a robot at a later date. These robot-ready

machines also create efficiencies before they are fully automated. Even with manual loading, the automatic doors and programmable clamping make the process more efficient.

In UNISIG's experience, an embedded reamer tool changer enables manufacturers to manage significant throughput increases, even with an operator. With this technology, operators can maintain the pace of production loading the machine, while eliminating the task of inserting reaming tools for each cycle. This allows the operator to redirect efforts towards tasks such as additional quality checks and off-machine setups.

UNISIG is also exhibiting at the AMB show in Stuttgart, Germany 13th-17th September 2022. Further information on all machines of the UNI series and the complete UNISIG machine program is available at: www.unisig.com or follow the company on LinkedIn and Twitter (@UNISIG).



Flexidisc Sanding System and Le Tonkinois Varnish

The Flexidisc Sanding system has been sold in the UK by DA & BE Murkin for almost 30 years, but it still remains one of the most versatile sanders on the market.

The Flexidisc is a system based on an exciting 5" (125mm) disc sander attachment which fits in your drill, and does not jump, skitter or scuff. This is due to a simple but highly efficient flexible shaft which eliminates vibration. It gives full control without the need for effort or expertise when presented full face to the job surface. This system accomplishes fantastic finishes on all hard materials including wood, metal, glass, fibreglass and car body filler.

Fast rotation allows this quality process to be completed in a fraction of the time normally taken by conventional sanders. Although a generic sander in its basic form, the multi-purpose tool can convert within seconds to become a super-fine finishing sander, bench grinder, sharpener, partial angle grinder, polish

applicator and polisher – all of this within a small device that can be carried conveniently in your pocket!

Flexidisc uses 'slap-on peel-off' Velcro type discs which are coated with a super-tough material called Corundum, (close to diamond for hardness). Re-usable and cleanable, these discs will do the work of at least 100 conventional discs and are able to comfortably cope with a wide range of materials from soft plaster to iron and steel, including slate, concrete and marble. In addition, they can transform a rough-sawn plank to a polished finish faster than any other conventional sander. Because these discs generate very little heat, they retard over-heating during grinding, therefore can safely sand G.R.P. and old paint without melting the material.

Using this same 'slap-on' system, polish is easily applied over any size area, using the foam sponge, whilst an oversized re-washable polishing cap

effortlessly completes the job. This means cars, boats and caravans can be polished, quickly and easily.

This is an old fashioned varnish, manufactured the traditional way, using Linseed oil, Tung oil & natural resins. Slower drying than modern varnishes it will not show any brushmarks and will sink into the timber. So remaining flexible, it will move with the timber and not crack or peel. Le Tonkinois will give a beautiful, long lasting finish to all types of timber, including Teak & Oak.

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Le Tonkinois Varnish is a specially designed varnish that was first formulated back in China almost three centuries ago. The natural oil based yacht varnish comes with a range of excellent benefits, including being permanent, removing brush marks, not cracking or flaking off.

On top of that, the varnish boasts exceptional corrosion protection for metals and has a durable coat too, meaning it can withstand impact without peeling or cracking.

The highly raved about varnish can be seen on yachts and boats, whether in fresh water, sea water, or sludge up and down the country. Not only that, but you can also use Le Tonkinois Varnish in kitchens, outdoor and interior woodwork.

As a result of being fully waterproof and non-microporous, the varnish is resistant to boiling water, alcohol and has even been classified as safe to use in food areas.

Le Tonkinois Varnish can also be used to stain wood, and pigments can be mixed in with the varnish if a particular colour is desired, whilst still allowing the wood to breathe, a feature not typically found among other varnishes.

The varnish is also naturally glossy and can be made matt or satin with an additional coating of Gelomat.

If you would like to find out how you can get your hands on some of the remarkable Le Tonkinois Varnish, or would like to find out how you can use it for your own needs, then be sure to get in contact using the number below.

Alternatively, more information can be found by checking out the website.

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