

BUILDING UPDATE

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waterproof even before the external finishes are applied, allowing internal work to commence sooner. This ensures for an incredibly fast & efficient construction that isn't impacted by adverse weather in the same way traditional masonry is. Cold temperatures do not affect progress.

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Creating perfect sleep and storage solutions

Wallbed Systems offer an exclusive range of beautiful wall bed hardware designs to furniture manufacturers and retailers, hardware distributors and retailers, hotel and hospitality contractors around the world. This sleeping solution works perfectly in hotel rooms, micro-apartments, small bedrooms, a home office and student accommodation, providing an excellent hybrid living, working, studying and sleeping area, fully maximising the space available.



feature comfortable mattresses. With the latest designs and accessories (such as with the Alpha bed and Studio desk pairing) small or odd shapes rooms are transformed into multi-use spaces with cleverly concealed sleeping areas.

Wallbed Systems Ltd. is a London-based global business established by Managing Director, Jeremy Waller, who has extensive experience selling mattresses and beds across Asia, who saw opportunities for sensible designs of reliable, safe and flexible wall beds, which could

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Tuff Stuff: The GRP flat roofing systems

In this issue of Building Update, we are delighted to select Tuff Waterproofing Limited for our Products Innovation Award 2023, for ongoing innovation in flat roof waterproofing.

Tuff Waterproofing provides premium waterproofing liquid solutions for flat roofs across UK domestic and commercial sectors. The advanced precision TuffStuff® formula range uses cutting-edge liquid polyester resins, glass fibre mat reinforcement and flexible edge trims, ensuring a fully integrated 100% waterproof seamless finish.

Established in 2011, the North Yorkshire-based company has prioritised research and development, to elevate further its TuffStuff® range of products across the construction industry. The leading products are widely available through an extensive network of stockists throughout the UK and the 25-year product warranty provides lasting peace of mind.

With exponential growth year-on-year, including throughout the COVID-19 Pandemic, the company is widely seen as a Powerhouse in the GRP flat roof market. The TuffStuff® formula range is synonymous with premium waterproofing liquid solutions and not only that, the Product Development Team work



hard to ensure the products continually give optimised results.

The latest GRP roofing innovation is TuffStuff® flexible



GRP: a single resin solution designed to push the boundaries in flat roof waterproofing. The product is exceptionally cost and time-effective: quick to lay and with no need to strip/re-deck the roof. The building trade love this product, as it only requires two coats and 225gsm reinforcing mat, which is applied within two hours, making this the leading market on the market.

The advanced solution can be directly applied to felt, asphalt, single-ply, GRP, concrete, timber or metal. The robust, waterproof membrane is ideal for areas of heavy-duty foot traffic and can even be applied to vertical sections without the traditional sagging concerns. The fast-curing system has a walk-on time of between 30-60 minutes and once laid and whilst curing, the product is automatically showerproof.

For added reassurance, the TuffStuff® Flexible GRP only needs one coat for a

10-year system or two coats for a 20-year system, and is crack resistant with no risk of weak points.

We caught up with Managing Director: Greg Gimenez to find out more about this innovative product range, "We are suppliers of liquid, waterproofing products for flat roofs (GRP and Polyurethane). Our products are easy-to-use and are universally loved by the building trade. What puts us ahead of our competitors is our innovative TuffStuff® Flexible GRP product, launched two years ago to bolster our premium GRP range. The robust, waterproof membrane breaks down with CSM reinforcement for quick and tidy detailing and what's more, the one-pot system means one coat can last up to a decade and two coats last for 20 years suiting multiple substrates and is showerproof whilst curing. Our product doesn't require stripping back and replacing the roof, saving roofers time and money by overlaying the roof."

"Our comprehensive range of products include: resins and catalysts, reinforcing materials, roof trims, application tools, and beyond this, we offer a thorough training programme and demo days at business locations around the country with excellent technical advice regarded by many as the best in the business. We arrange a bespoke session at your convenience, designed to consolidate or enhance knowledge of installation methods for our Premium Standard GRP or Flexible GRP product ranges, with certification provided subsequent to the training session."

To view the full product range, find a local UK stockist, to book a training session or to find out more, please see the website below:
T 01977 680250
www.tuffstuff.co.uk



Management Software

Elevate your business to the next level

Construction project management can often be arduous, requiring smooth communication flows between chief architects, main contractors, chartered surveyors and sub-contractors. With stringent health & safety and contractual laws, alongside urban planning laws and biodiversity considerations, it is essential that project management runs smoothly to avoid undue delays in constructions.

Steve McGowan is the manager of Elevate Software, with extensive prior experience working in construction, from apprentice joiner, to sub-contractor, contractor manager and consultant, under his belt. During his working experience, he noticed that the information flow was key to successful project completion and conversely, the opposite caused frustrating delays.



"Elevate software can provide real-time updates, directing everyone on actions and this results in the team, prioritising their time and becoming more productive."

"Elevate Assist is a standalone software solution connecting everyone under one digital hub and is exceptionally user-friendly."

"Busy professionals are asked for requests for information (RFI's) daily on multiple projects and with higher management now often working remotely, they need updates quickly in real time, at the touch of a button. Elevate Software does all that and much more," explains Steve.

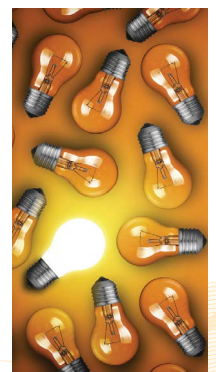
This smart software design was first market tested in 2007 and was shortlisted for Best Newcomer to Show at The Interbuild Trade show at the NEC to impressed industry professionals.

For more information, contact Steve McGowan on the details below:
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Environmentally friendly plastic lumber

At Building Update, we are proud to announce that we have selected Kedel as the recipient of our Commitment to Excellence Award for its ongoing efforts in producing eco-friendly plastic products for a more sustainable future.

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 Dermot who explained what commitment to excellence means to them

and how they feel they achieve it. "Commitment to excellence is an attitude towards work. You're only as good as your weakest link, so we try to give our staff an autonomous responsibility around servicing our customers and through this we are achieving service excellence. Because of this, people can make quicker decisions and our customers end up 100% satisfied much quicker. Eco-Friendly Plastic is what we do. Not many people believe plastic can be green but it can. We manufacture plastic wood made from waste polystyrene, and are also suppliers of many other types of recycled plastic profiles from other manufacturers, which allows our customers to keep their carbon footprint down. We maintain excellence throughout our business through our sustainable products, sustainable supply chain and sustainable manufacturing policy."

Winners of the Feefo Trusted Service Award, Kedel's range of recycled plastic lumber reflects the future of the construction industry. From plastic fencing pales and edging board pegs to round posts, boards and planks, tongue & groove planks, decking, and so much more, Kedel's extensive product range comes with a number of benefits. Of course, the largest advantage of plastic lumber in general is that it does not rot, absorb water and is highly resistant to damage. This much more versatile material means it has a life longevity to be placed in all weathers and climates making it a perfect material for use in construction, leisure, education, gardens and any water applications.

Some could claim that plastic wood is bad for the



environment, however, Kedel would argue that yes, initially the cost of plastic wood may be higher but the outcome is that you have a product that will last a lifetime due to its extended longevity and zero maintenance properties. To add to this, Kedel only uses recycled plastic that would otherwise go to landfill, therefore, its contribution towards a circular economy is something to be highly commended.

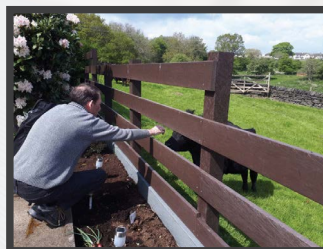
Moving forward, Dermot explained what the future holds for the company. "We are about to increase the working hours of our extrusion plant to be operating 24 hours a day 5 days a week which will double our production time, and to support this we are recruiting more extruder operators. In the future, we plan to build a network of resellers around the UK, as the current cost of transport is at an all-time high so we are looking at ways around this for better business practice and to allow for an eco-friendlier way of working."

In closing, we asked Dermot how he felt receiving our award, he responded, "We are thrilled. It shows we are doing all the right things and going in the right direction and we will endeavour to live up to it."

For more information, please see below:
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Expert architectural metalwork for high-profile heritage buildings

Leander Architectural are expert design manufacturers of bespoke signage, bandstands, railway columns, gazebos, street furniture, wayfinding signs with a heritage restoration consultancy. The niche services offered are an eclectic mix of, blacksmithing, iron restoration, clay sculpting, decorative and structural iron, steel, and non-ferrous fabrication, metal casting for commercial trade, heritage and railways and private customers.

The Royal Label Factory was established during the reign of Queen Victoria in 1874 and even manufactured labels for the spectacular gardens of Queen Victoria herself. The prominent company progressively became a leading UK street signage manufacturer.

Leander Architectural was founded in 1986 and in 1998, the two businesses joined forces to become a phenomenal UK powerhouse in the world of architectural metalwork, manufacturing bespoke aluminium, steel, bronze and iron products.



Situated in the village of Dove Holes, near the Georgian spa town of Buxton in the High Peak District: Leander Architectural offers world-leading commissions from its on-site foundry and workshops.

The team at Leander take such artistic pride in their work: utilising both modern techniques like waterjet cutting and computerised graphics, combined with more traditional skills such as clay hand-carving, resulting in a truly unique architectural metalwork portfolio. Many customers are repeat customers, trusting the highly skilled professional approach and end results.

Recent prestigious projects included designing new cast iron columns to repair a roof structure and replicate original features at an operational railway station: designed and built during the Victorian era as Managing Director, Gareth Roberts explains, "Several of the cast iron columns were cracked and needed

replacement, due to ground subsidence. The damaged sections of cast iron columns were removed, then new ones installed, without removing the roof. Our skilled engineers worked with the prime contractor to carry out the design and manufacture, smoothly and efficiently, allowing the busy commuter station to carry on working without significant disruption."

Leander has an extensive back catalogue of casting patterns and designs for bandstands, structures, columns and many other products, but are always more than happy to offer bespoke services too.

Other high-profile projects include the installation of new canopies at the luxury Savill Court Hotel in Windsor, rebuilding the original staircase balustrading in eight stairwells, with modern adaption of the handrails at the Buxton Crescent Luxury Spa Hotel and installing new bespoke decorative metalwork within the new 'Sprague Terrace' between the Sondheim and Gielgud Theatres in London's West-End.

With a combined history dating back almost 150 years, this leading architectural metalwork company offers unrivalled expertise across a multitude of modern and heritage building designs.

The team use 100% British raw materials and recycled aluminium, supporting the local and national economy and trading with a reduced carbon footprint.

To find out more, please see the details below:
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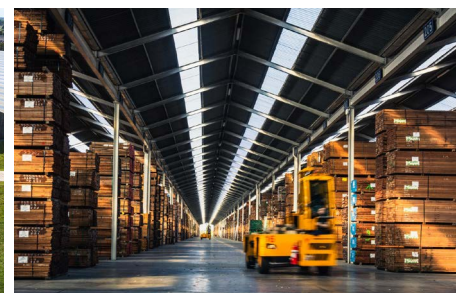
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A CLEAR CERTIFIED VISION

Vandecasteele Houtimport are one of the leading European timber importers and have ambitious aims to trade only in certified timber by 2025

The Belgian fifth-generation family company, founded in 1883, Vandecasteele Houtimport specialises in the import, trading and export of tropical hardwood from Africa, Southeast Asia and South America, Scandinavian and North-American softwood, North American and European hardwood.

Sustainability and reliability are an essential part of Vandecasteele Houtimport's DNA. With over 140 years of experience, the company is determined to achieve the goal of trading only certified timber by 2025. The challenge lies with the hardwood and especially the tropical hardwoods. Today they are at 80% certified and have a clear vision: only certified timber has a future.

A long-term goal that can only be achieved by including all partners. Substantial investments have been made over the years to be able to realise this future goal. 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.

Vandecasteele Houtimport has a unique business model. Importing timber from all over the world,



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keeping in stock for several years, in some cases, even decades. Stock is our strength and our speciality. In times when supply is difficult or tight, we can count on our invested stocks to guarantee continued supply.

To achieve our goal, we have taken several actions within the company. First, we were assisted by external experts to get the procedures and protocols in place. Secondly, the team at Vandecasteele was reinforced with two forest engineers 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. All timber transport requires our approval. When in doubt the timber is not accepted.

Masters in diversification

Vandecasteele has a long-term commitment to preserving the forests. The family business imports

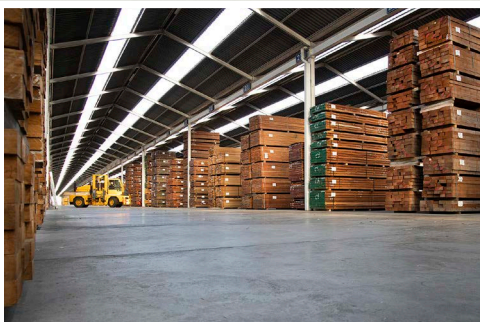
more than 130 different species of timber coming from 40 countries and has over 120,000 cubic meters in stock, mainly certified hard and softwoods. We support the LKTS program of FSC® Denmark with which we want to help promote the use of lesser known species. We keep these lesser-known species in stock and offer them as alternatives. Timber is too often prescribed from a specific well-known species. From the point of view of responsible forest management, we must dare to choose the right durability class for an application instead of a specific timber species.

Rethink everything: a positive evolution in consumer purchasing behaviour

Customers are increasingly asking questions about certification and the origin of the timber. Buyers are becoming more and more aware of the need to use certified timber. Importing tropical wood goes further than just asking for timber. There is a continuous evolution, because of new insights and new legislation.

Our company continues to make efforts to embed sustainability into the business. We validate our organization's sustainability efforts with the Voka Charter for Sustainable Entrepreneurship (VCDO).

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Protecting your investment, with award-winning, sustainable products

External wall insulation (EWI) is one of the fastest growing areas within the UK construction industry. For time immemorial, timber pattresses have been used to secure the fixing of satellite dishes through to utility boxes upon reinstatement. This was until SWIFIX: an Exeter-based company came up with a brilliant, innovative design range that bypassed traditional timber methods in 2016.

Paul Brown is the Director and brains behind the operations, with an extensive background in leadership in senior management, starting his career as a plasterer completing EWI.

SWIFIX is a multi-award-winning company that designs cutting-edge solutions for securing external furniture through External Wall Insulations (EWI). Since its inception in 2016, the range has been extensively extended, including a recent, exclusive design partnership with SKY telecommunications for a

new product for securing cables and small pipework.

"We work with a broad range of customers from Architects, Local Authorities (LA's) to major contractors and system designers providing surefire solutions for securing external wall furniture, through insulation and cladding, across a range of properties, including retrofit, new build, and the off-site modular sectors.

"Our unique design approach has brought robust solutions to market, for securing external furniture through EWI. These include: satellite dishes, rainwater goods, canopies, light alarms, signage, cables, pretty much any item that needs reinstatement," explained Paul.

The SWIFIX range are PAS2035-compliant for quality assurance and with easy installation and added cost-efficiency, it's easy to see why they are the leading choice for many customers.

The products are regarded as industry-leading, shortlisted for the National Energy Efficiency Awards (2016): with many other accolades recognising innovation and Excellence in the Energy Efficiency Sector, and more recently, The INCA Innovation Award Winner in 2021. The Insulated Render and Cladding Association (INCA) is the recognised trade association for the EWI industry across the UK and awards are given for exceptional work in the industry. We asked Paul, in his own words what made SWIFIX products so special, "SWIFIX are recommended by many system designers as a product of choice, due to the fact that by using the solution and the way in which they are installed, they protect warranties and guarantees for the systems installed."



"The range provides a robust and watertight solution preventing ingress of water, which is damaging to systems. It truly offers a unique solution, unsurpassed by competitors, as it is suitable for many different formats and can hold greater weights. Overall, it is significantly cheaper than its competitors, offering considerable cost savings."

"I'm very proud of our green credentials: it is a very eco efficient-range, made from partially recycled plastics with all the parts are fully recyclable, along with the packaging, making our products very attractive in the age of sustainability."

For more information on this award-winning range, please see below:
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To find out more, please visit **www.swifix.co.uk**, call **01884 560477** or email **info@swifix.co.uk**



Quality and service count: Customised doors and panelling

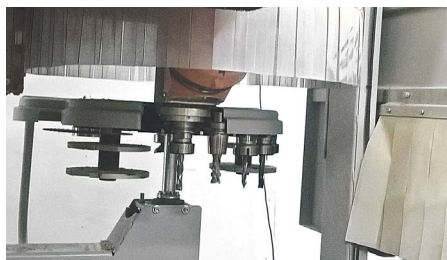
Pandor is a leading manufacturer of customised doors and panelling across the UK to sectors such as commercial buildings, offices, hospitals and flats.

Established in 2014 by Mike Hill, the company has grown exponentially over the last nine years, priding itself on supplying exceptional customer service and high-spec products. Mike has expertise in the industry having worked in the fire door industry for over 40 years and along with his team is happy to provide customers with bespoke orders.

Pandor has production facilities in Sittingbourne, Kent and offices in London. We chatted with founder and director, Mike to find out more about the company, "We specialise in made-to-order client requirements for fire doors, decorative doors, frames and other associated items such as screens and windows."

"Our speciality though due to my background, is certified fire doors and door sets and we pride ourselves on a personal and prompt service with quick lead times on manufacturing."

"The COVID-19 pandemic set us back of course, as the construction industry ground to a standstill. We soon restarted though and have been ever busy, focusing on adding new services in the near future. Our unique selling point is our investment in modern machinery across the board, ensuring that we always produce the highest-quality products. These



include a Holzher 5 Axis CNC Twin Bed Router, heavy-duty sanding machine, veneer flow line press and first-class lipping and edge banding."

Fire doors are integral to optimised passive fire protection systems across industrial, commercial and domestic buildings in the UK. Precision-designed primarily to mitigate against the spread of fire, smoke and toxic gases from one area to another, fire doors allow occupants, whether residents or workers extra time to evacuate accordingly. A secondary factor is that compliant fire doors give firefighters more time to arrive at the scene of the fire and control the fire, before it spreads further. Using a system of compartmentalisation, with fire doors lined throughout in corridors or stairwells, can create fire-resistant barriers in a high-rise block and importantly help slow down the spread of fire and smoke.

Fire doors are given FD ratings from 30, 60, 90 to 120, with FD30 being the most common choice. This

typically gives 30 minutes fire safety protection, in the event of a fire.

Following the tragedy at Grenfell Tower, North Kensington where sadly 72 residents died, the subsequent Fire Safety (England) Regulations in 2022 came into effect on 23rd January 2023. With all eyes on optimised fire safety, Pandor can manufacture customised fire doors, in accordance with FD30, 60, 90 or 120 certifications.

"Our fire doors can be laminated, painted or decoratively veneered and our acoustic doors can also be fire rated. The acoustic door ratings are certified based on how well the sound is contained in the door itself. The doors are tested to different decibel (dB) levels, dependant on the end location, with the higher the acoustic rating, namely the louder the sound it can contain. For example, the acoustic rating for doors in residential flats is 29dB, raising to 30dB in a typical school classroom."

"We supply fire-rated panelling if required, in stock and cut sizes, with a choice of veneer, laminate or paint finishes. Finally, our door frames are manufactured to customised order, with clear or paint finishes," added Mike.

**For more information,
please see the details below:**
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<http://pandor.ltd>



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Waterproofing you can rely on



Carlisle Construction Materials Europe (CCM Europe) manufacture high quality waterproofing systems for new build and refurbishment flat roofing projects, along with the ARBO® range of sealants and EPDM tapes for façades, providing complete building envelope solutions for the construction industry.

CCM Europe is a dynamic company, driving innovation in speed and ease of installation, sustainability, and waterproofing performance across a variety of roofing technologies, including EPDM, bitumen and liquid Waterproofing. Offering expert technical advice to specifiers, CCM Europe supports optimised specifications, leveraging the variety across the company's waterproofing and sealants ranges.

CCM's RESITRIX® single ply waterproofing for flat roofs is the only roofing system that combines the properties of EPDM synthetic rubber and polymer-modified bitumen to create a durable hybrid membrane. An extremely flexible, single-layer waterproofing membrane, it can be applied on almost all substrates and provides fast and neat installation, with each section of membrane welded together quickly, easily and safely using a hot-air device without any need for naked flames.

Suitable for mechanical installation using induction technology, CCM's HERTALAN® EPDM system



enables roofs to be made watertight quickly, with the company able to produce EPDM membranes up to 30m in length and in various widths up to 20m, thanks to its vulcanisation factory in Mansfield.

Another hero product within the CCM range is the ARBOFLEX® PU single component liquid waterproofing system. Made from pure polyurethane, which, once cured, forms a seamless elastic roof covering without any joints, ARBOFLEX® PU delivers air tightness and waterproofing on most substrates.

A high performance and wear-resistant membrane, ARBOFLEX® PU can adapt to any surface, including uneven, curved or irregular substrates. With its rapid-curing properties, it allows foot traffic

within 24 hours. The single component liquid waterproofing can be applied straight from the tin, allowing fast and easy installation, and it is green roof compatible.

You can watch installation videos for CCM Europe products here:



In addition to offering state of the art flat roofing and façade solutions, Carlisle supports expertise and knowledge sharing with the company's training courses at the CARLISLE® ACADEMY. Designed by professionals for professionals, CCM's training courses enable attendees to learn about the proven advantages of EPDM waterproofing solutions in an up-close, hands-on manner, ensuring construction industry professionals can maximise the products' performance benefits on site. For more information, visit: <https://www.ccm-europe.com/gb/academy>

Anticipating change creates opportunity for innovation and exceptional customer service. CCM has recently strengthened its sales and distribution network for the UK and the ROI market, welcoming new professionals to the company's sales team, with appointments including Charlie Patrick, who looks after the Eastern region, and Crawford McAllister who looks after the North and Scotland.

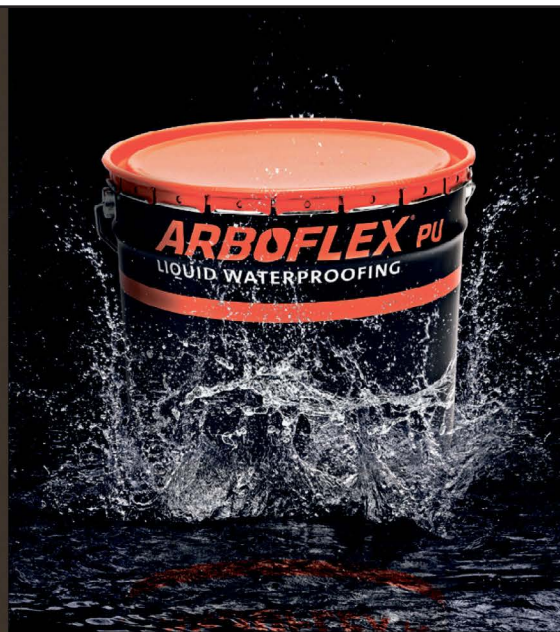
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LS Products BV to introduce new Autonomous range in 2024

LS Products BV is the manufacturer of the innovative Eco Clipper electric mower system that was introduced for the turf grower industry in 2018.

Due to the fact that all the mowers in the range are electrically driven and use a special mowing deck design that incorporates small mowing blades, the Eco Clipper range delivers fantastic contour following and has the capability to disperse clippings well even in wet grass.

Furthermore, because of the high-speed mowing system, productivity is inevitably higher and fuel efficiency better due to the small blades and electric drive. The machine is very quiet and versatile under different conditions such as dewy grass and weeds.

The Eco Clipper® Mowing System evolved from the mowing system that was originally developed in the nineties on the turfgrass farm of the Leijenaar family in the Netherlands. At that time, the electrically driven 10m wide rotary mower was a revolution for the turfgrass industry, and up until 2008 there has been various models of this rotary mower developed and marketed by Leijenaar Products BV.

In 2019, the Eco Clipper range was successfully introduced to turfgrass farms across Europe and then in 2020 they introduced the 14.11-meter-wide Eco Clipper: RM14 Butterfly Mower and the Eco Clipper TM14 tri-deck mower that were both revolutionary mowers for the turfgrass growers and sports ground sectors.

Syb Leijenaar is the Managing Director of LS Products BV and has a vast amount of experience that is deeply rooted in mechanical engineering and mechatronic systems design, and is one of the creators of the Eco Clipper range. We asked Syb how the company has fared over the last 12 months and what plans it has for the future.

"The last 12 months have been slower business wise, although it seems business is picking up since summer. As we are an agile company, we used the opportunity to spend more time on new developments. Our current developments are mainly focused on autonomous large area mowing. Our autonomous mowing system will be introduced in the coming year. We offer a 309cm or a 513cm wide Eco Clipper mowing deck where the power comes from either a diesel generator or a 61kWh battery pack."

"We are keen to increase productivity in large area quality mowing, hence lowering the mowing costs for our customers. For turfgrass growers and sports ground managers, we already have the most productive equipment in the market due to the large cutting width and high possible mowing speeds. For the autonomous mower it is important that it can be operated safely without immediate supervision otherwise it won't save labour. Therefore, we have partnered with a Danish firm that fully focuses on safe operation of autonomous equipment in the field."

Due next year, the Eco Clipper Autonomous Mower uses three different types of obstacle detection:

camera; lidar; and radar for its safety in dusty environments.

The new Autonomous range will meet speeds of up to 16km/h and surpasses all safety standards with its cutting-edge obstacle detection technology.

"Over the next few years we expect to grow gradually in the sports ground market. We receive strong feedback from our users stating that they like the capacity, quiet running and economic use of fuel. In 2024, we will be introducing the autonomous mower on a couple of selected farms. We want at least a year of real-life experience before we introduce these systems to a wider audience," added Syb.

LS Products and its Danish partners are really pushing the boundaries in autonomous mowing solutions, and the next five years are looking very fruitful for both businesses. In closing, we asked Syb how he felt receiving our award.

"I feel honoured being selected for the Landscaping Product of the Year Award. When you work with these products every day, you no longer notice that they are different. This award reminds us that we stand out. We are proud of that."

For more information, please see below:
info@ecoclipper.com
<https://www.ecoclipper.com>



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ECO CLIPPER®

Bluerun Ltd once again achieves excellence in the workplace

In this issue of Building Update, we are proud to announce that we have selected Bluerun Ltd as the recipient of our Commitment to Excellence award.

Upon reopening its doors in May 2020 after the COVID-19 pandemic, Bluerun Ltd has gone from strength to strength with its trusted brand now being known as one of the best in the joinery industry that has recently attracted big name brands turned clients, Starbucks and Waitrose.

2022 was a great year for the company in terms of revenue and new business. It has managed to maintain a strong conversion rate despite the current economic crisis and has found that enquiries for larger jobs as opposed to 'single window' types of jobs has been more popular especially from domestic clients which mimics that of its regular commercial clients.

Based in Wimbish, near Saffron Walden in Essex, Bluerun manufactures quality, bespoke joinery items and everything is made to order, nothing is 'off the shelf.' Dee commented, "We manufacture items for the commercial market from door and window packers, to shopfronts, reception desks, mainframes, pub doors, and years ago we even made a trebuchet for Stansted Mountfitchet castle!"

Of course, the company has the capabilities to manufacture most things from timber, hardwood, softwood, panels and sheet material. Some common items Bluerun Ltd manufacture for the domestic building market include windows, doors (exterior and interior), bi-folding doors, staircases, bespoke storage units and wardrobes, all of which come with the option of being sprayed in primer or to a finish.



Dee Newman, Finance Director at Bluerun Ltd presented the Commitment to Excellence Award

If you're looking for items made from both hard and softwood or even veneered and painted panels, Bluerun can reproduce an array of items including replacement sashes, where it can manufacture a brand new one on a like for like basis, so the mouldings will match. "Similarly, if a domestic client has found an image of a door, for example, that they would like us to reproduce, we can usually do that. Recently we

have started using a glass supplier that can supply us with stained glass effect units, complete with leading that has been aged and soldered, which looks absolutely breath-taking," added Dee.

Bluerun only produce purpose made joinery to client's drawings and specifications. Its unrivalled level of customer services means that free quotations are normally provided within 2-3 days or less, and the company can usually deliver a quick turnaround of any manufactured items required. And, because it has an experienced spray operative in charge of a modern spray paint and lacquer facility, articles can leave the factory in a fully finished state, ready for installation on-site.

What really sets Bluerun apart is that since its establishment it has never used computer aided machinery for any designs. Crafted to perfection, all items are finished by hand, drawings are prepared with pencil and paper, and everything that is manufactured by the team has been done so with the utmost attention to detail. It also has the ability to obtain colour matches of any paint colours for clients that would prefer something sprayed to a finish.

Apart from needing the item to fit out its workshop doors upon completion, there is no limit to any project that Bluerun will endeavour to take on. Inspired by a challenge, Bluerun will do its utmost to cater to all enquiries.

T 01799 599995
dee@bluerunltd.co.uk
www.bluerunltd.co.uk

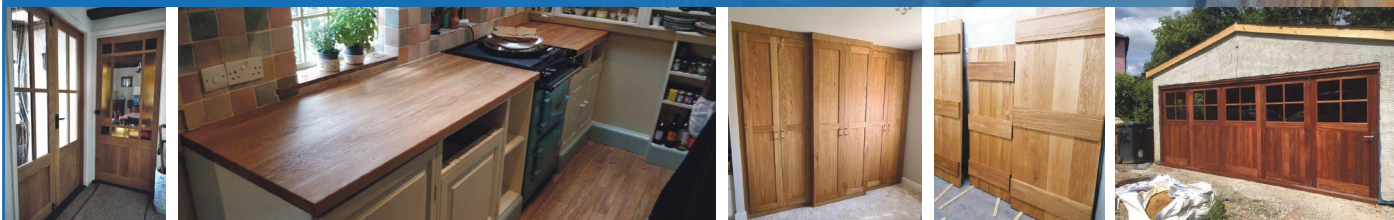


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QUALITY, CUSTOM MADE JOINERY



Bluerun Ltd have been manufacturing top quality, purpose made joinery for the domestic and commercial markets for over 30 years.



Please visit our website: www.bluerunltd.co.uk

Tel: 01799 599995 | Email: dee@bluerunltd.co.uk f [bluerunltd](https://www.facebook.com/bluerunltd) @ [bluerun_joinery](https://www.instagram.com/bluerun_joinery)

IAS for your perfect access platform



In this issue of Building Update, we are honoured to select Independent Access Sales (IAS) as our Access Platform Company of the Month.

Access Platforms are indispensable for working at heights or hard-to-reach places, providing workers with a robust structure across many industrial sectors. Many essential services such as air conditioning units, pipes, and ductwork are often stored high in the roof and access platforms are key to installation and essential repairs/maintenance throughout the year. With health & safety in mind, the steady, well-fabricated structures give extra reassurance to workers, throughout the operation period.

Independent Access Sales (IAS) is a relatively new company but with decades of expertise behind it. Established in 2020 by Managing Director: Richard Martin, the Huntingdon-based company is set to take the country by storm.

IAS is a distributor of access platforms across the UK and Ireland and Richard brings more than 35 years of industry experience, from scaffolding, cradle platforms, erection, surveyor, to supervisor. "We are getting noticed now across the industry. We have won three awards in the last twelve months, including a Golden Award from Media2. We've been to numerous trade shows and generated a lot of interest."

"We are excited to reveal that we have exclusively signed with SOGAGE: producer of globally-leading aerial platforms to distribute their truck-mounted platforms, up to 100 metres. A truck-mounted platform



is a mobile elevating platform, which can be attached to a road-licensed chassis and is great when you require an access platform to be adaptable, as it can be switched from site to site easily. We are looking forward to adding this to our growing portfolio and by

the New Year, expect to be selling a wider range of Easylift Spider Platforms, SOGAGE Truck Mounting Platforms and Leonardo HD by Bravi HD to new and existing customers across: facilities management, construction, heritage restoration to tree surgery and many more."

The existing SOGAGE truck line has been flying off the shelves with customers already this year: the SOGAGE 20T carries loads up to 230kg and is a favoured mounted platform for working at height. The SOGAGE 21DJ works up to 20.3M and is a second popular choice for many applications.

For those working in facilities management or heritage restoration, the Easylift srl Piattaforme Aeree R360 provides a turret rotation of 360° for cleaning and delicate work in limited spaces. Designed to work at a height of 35.4M, it is also preferred by tree surgeons for all aspects of arboriculture. The R260 model works to a maximum height of 26M, with an outreach of

13.5M, precision-designed for maintenance and installation jobs.

The Bravi Platform HD meanwhile is the default choice for tight spaces and doorways, offering a sturdier alternative to scaffolding or ladders.

IAS offers a full consultancy service for new customers, to source the perfect access platform and moving forward, offers six-monthly inspections, servicing and maintenance, meaning you can just get on with the job at hand.

"It is a real pleasure to hear repeat custom across many sectors. We take great pride in customer service, from our expert, technical know-how, to quick lead delivery times."

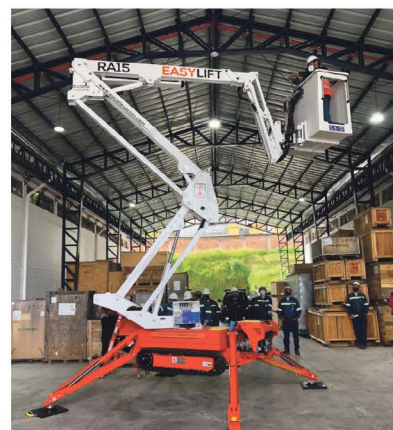
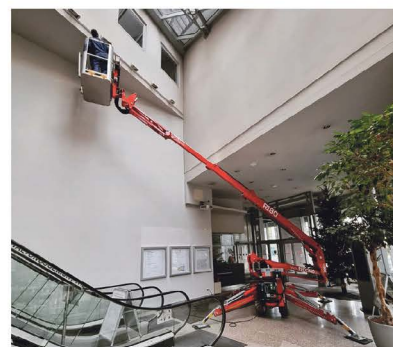
"In the near future, we are hoping to begin talks with a dealership of little truck booms. These are ideal for a variety of one-day applications from street work, signage, windfarms to pest control. Look out for our Spring demo road tour round the UK! We look forward to meeting new and existing customers then."

The company currently has an extensive range of used machinery for interested customers, including: JLG660SJ Articulated Boom, Aerial AL22 Truck Mounted, Multitel MJ201 Truck Mounted and Easylift R180 Spider Platform, please see this link for details: <https://iasales.co.uk/used-machines>

For more information, or to view the product range, please see the website below or ring Richard Martin directly:
M 07483 246878
enquiries@iasales.co.uk
service@iasales.co.uk
www.iasales.co.uk

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Make your project possible

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 and CDM Advisor in various sectors across the Irish construction market. No project is too simple or too complex for the company's construction safety 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.

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.

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
diarmuid.condon@dconsafety.com
www.dconsafety.com



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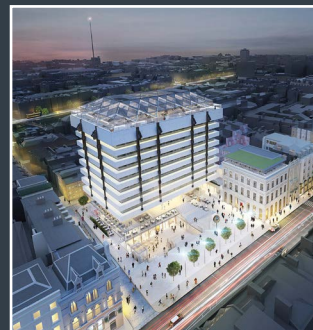


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DCON Safety Consultants, Suite 5, Fitzwilliam Square East, Dublin 2

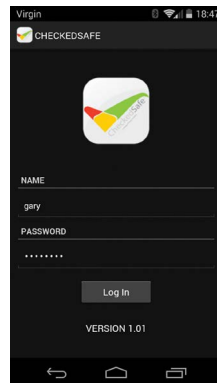


Complete compliance solutions

Since 2014, CheckedSafe has provided simple and inexpensive tailored compliance solutions. Established by Gary Hawthorne and Darran Harris, CheckedSafe is a SaaS platform compliance provider providing several apps and a web-based reporting system that is multi-functional and secure.

The CheckedSafe system offers organisations a complete solution, enabling them to manage and protect their workforce and comply with legal compliance requirements whilst reducing cost and liability. "We can provide you will a fully integrated solution – you can be completely paperless – also by using our system properly you will have a legally defensible product. We bespoke templates on the app to suit individual requirements, our latest release now means that the client can also do this themselves," said Gary.

Located in Burnley, its system is global and can be accessed from anywhere as long as you have an internet connection for the management portal, the



app itself works off line and on-line so there is no restriction on using the app.

Both Darran and Gary's individual expertise has resulted in CheckedSafe being a nationally recognised company. "I am a transport professional with 30+ years in commercial 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.

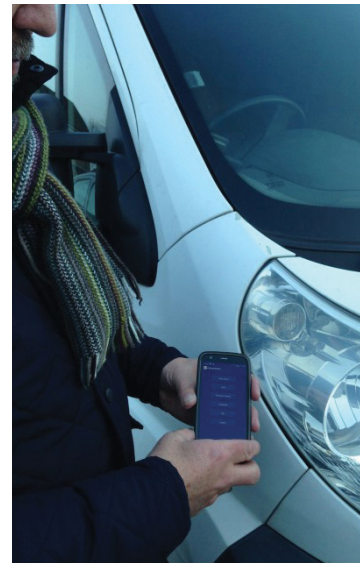
With much of the industry yet to explore, over five million commercial vehicles in the UK and over 20 million pieces of plant, there is a huge market for CheckedSafe to expand into. "Our plan is to furrow into the fleet industry and develop new features, and

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.

T 01282 908429
info@checkedsafe.com
www.checkedsafe.com



CheckedSafe Features

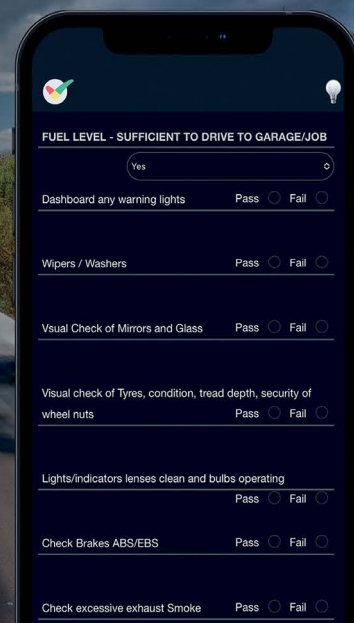


- One Tap**
CheckedSafe uses the GPS to track the vehicle location and provides a one-tap solution to report a fault or issue.
- Report Checklist**
CheckedSafe provides a checklist for each vehicle type, allowing users to report a fault or issue quickly and easily.
- No Signal No Problem**
CheckedSafe works offline, so users can report a fault or issue even when they are not connected to the internet.
- Platform Availability**
CheckedSafe is available on both iOS and Android, so users can access the app from their preferred device.
- Monitor Movement**
Users can track the location of their vehicles in real-time, allowing them to monitor movement and identify any issues.
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CheckedSafe is tamper-proof, so users can be confident that the data they enter is accurate and secure.

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

Originally published in Modern Machine Shop

UNISIG
DEEP HOLE DRILLING SYSTEMS

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.

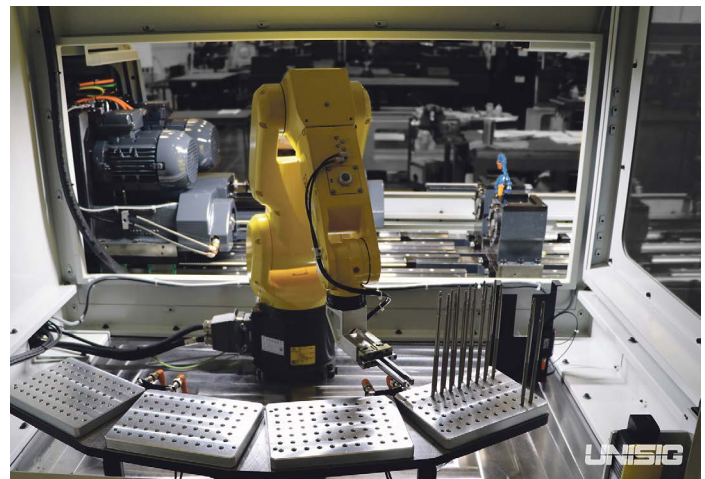
Tool life management is built into a machine's control, and the machine senses torque thrust and coolant. Chip condition is usually the first indicator of wear, which would otherwise require an operator present to detect, so the machine actually monitors the process and can predict tools starting to 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.

Please visit www.unisig.com or follow the company on LinkedIn and Twitter (@UNISIG).



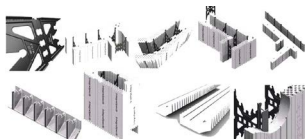


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Traditional brick production specialist

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.

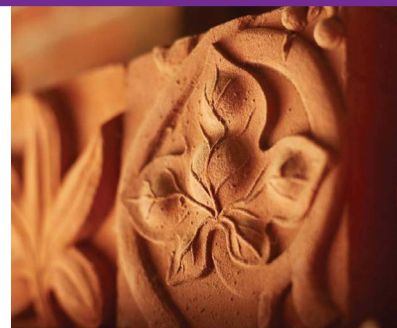
The Bulmer Brick and Tile Company is renowned for its traditional handmade bricks which, fired in a down draught kiln, have a distinctive finish that blends well with the original London clays bricks. The beauty of the Suffolk company's bricks lies in their traditional production method. The bricks are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

Contact
T 01787 269232
www.bulmerbrickandtile.co.uk



THE BULMER BRICK & TILE COMPANY LTD



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.

**The Brickfields, Bulmer, Sudbury,
 Suffolk CO10 7EF
 Tel: 01787 269232
 Fax: 01787 269040
 Email: bbt@bulmerbrickandtile.co.uk**



The Bulmer Brick & Tile Co Ltd



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 Please visit: www.bulmerbrickandtile.co.uk

Environmentally Friendly Wood Treatment Products



The two major problems for the timber industry are sheet materials not performing to class, and pressure treated timber rotting where the ends have been cut.

Protek and the Gloucester Timber Company knew the answers, so formed Protek ESP to produce and market two products that effectively cure these two issues.

ESP Panel

ESP Panel Is a groundbreaking innovation

for the sheet material market, it stops delamination, it makes sheet materials last longer, it makes them stronger. It is easy to apply and environmentally friendly.

ESP Timber

ESP timber has been specifically designed to re-treat the cut ends on pressure treated timber, proven to stop rotting, fungi attack and therefore makes treated timber last longer. It is easy to apply and environmentally friendly.

Every Sheet Protected

If you sell or use sheet materials or treated timber, you really need ESP Panels™ and ESP Timber™

If you care about the planet then use more timber and timber related products, they are the only carbon negative building products, and make them last longer, trapping more carbon in the built environment for longer.

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Recommended Supplier Directory

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Safety Consultancy

Sign Plaques & Architectural Castings



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