

INDUSTRIAL SOLUTIONS UK

ISSUE 685 • April 2025

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W J HORROD LTD AN AWARD-WINNING, FAMILY-OWNED BUSINESS, PROUDLY CELEBRATES 75 YEARS!

For 75 years, W J Horrod Ltd has been at the forefront of manufacturing equipment for industrial solutions. Based in London, the company is widely recognised as the industry leader in safety and efficiency.

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Hello & Welcome to Issue 685 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 Menzel GB and Wallbed Systems.

Firstly, we would like to focus on the accomplishments Menzel GB who this month features on page 3!

Secondly, in Building Update, we are featuring Wallbed Systems with the 'Storage Space' profile following their impressive performance over the years. For more information, turn to page 11.

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!

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INDUSTRIAL SOLUTIONS UK

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Industrial Solutions UK is based on the belief that our customers needs are of the highest priority and the utmost importance, with this in mind our team of highly dedicated staff work around the clock to make sure that those needs are always met.

For more information or format requirements, please see our [Media Pack](#).

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DEEP HOLE DRILLING SYSTEMS



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- Commissioning worldwide

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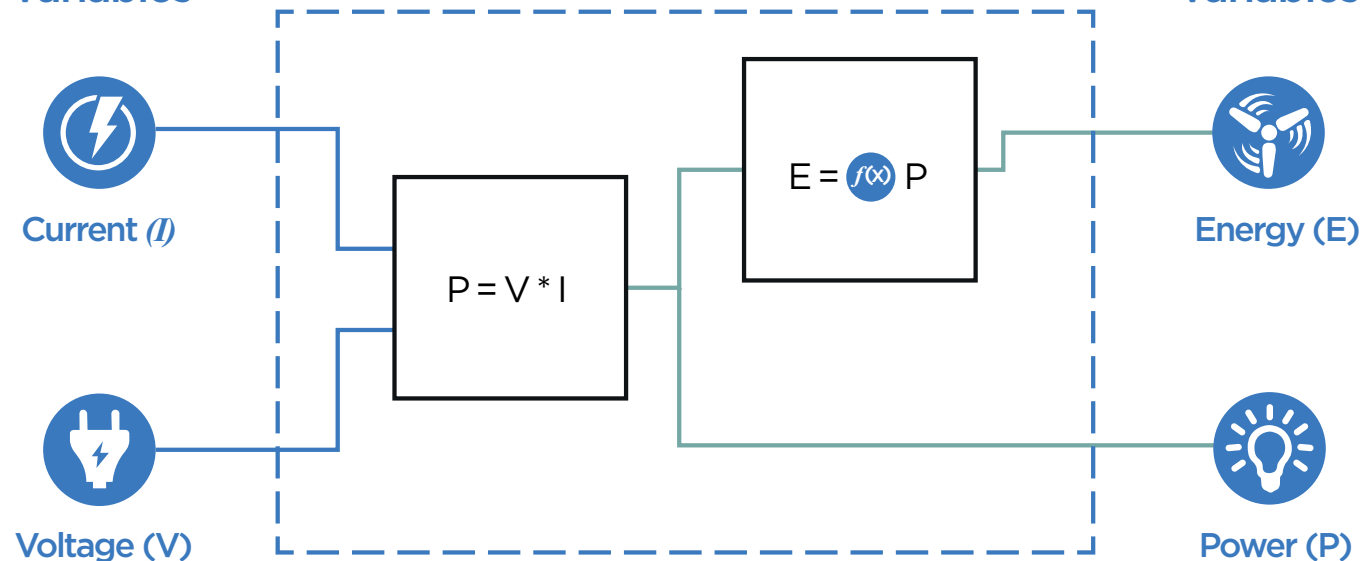


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BTA Drilling: Brazed Versus Indexable Tooling

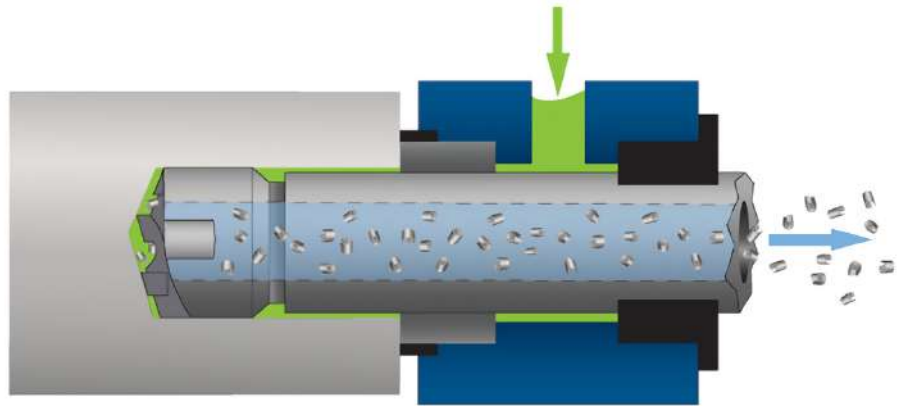
Photos: UNISIG

Deep hole drilling applications can be approached in several ways, but one of the most effective methods is often BTA drilling. BTA stands for Boring and Trepanning Association, although it is sometimes referred to as STS or Single Tube System drilling. Unlike gun drills or twist drills a BTA drill features internal chip removal, which has advantages in both productivity and hole quality.

The BTA drill head has multiple carbide cutting edges and guide pads mounted to it. Open spaces are designed into the head for chip removal, and chips are evacuated through the drill tube the head is threaded onto. Pressurized coolant surrounds the drill head in operation, and is key to forcing chips through the head and out the drill tube. This method of chip evacuation allows for a very clean and reliable process with excellent surface finish and high drill feed rates – typically 5-7 times faster than gundrilling at the same diameter. No peck cycles or feed interruptions are needed, resulting in reduced machine time while drilling extended depth-to-diameter ratios even greater than 40:1.

BTA drills are generally available in two forms: brazed or indexable; and tool selection is dependent upon several factors. As the name implies, brazed tools involve brazing a carbide insert and guide pads onto a steel body, while indexable BTA drilling tools have carbide inserts either directly mounted to the head with a retention screw or seated in a cartridge that is mounted to the tool.

Hole diameter is the initial consideration when determining whether to use brazed or indexable BTA drills. For small hole diameters



– generally 12 to 20mm in diameter – brazed tools are often the first choice as it's difficult to make small inserts and screws strong enough to withstand the torque and forces of BTA drilling. (Manufacturers of BTA drilling tools continue to make improvements in indexable BTA heads as small as 8mm in diameter, however).

Brazed tools offer extremely close tolerances and excellent surface finish as the insert and guide pads are mounted and then ground to the specified diameter, providing almost perfect concentricity and cylindricity. Ease of use is also a benefit – simply attach the head to the drill tube and discard it when it has dulled or failed. If you experience a tool failure, the investment in drill head isn't as costly as repairing or replacing an indexable drill head. Finally, an indexable BTA head can only be as accurate as the tolerance of the inserts themselves; but a brazed head has been ground to a very precise tolerance from the manufacturer.

By contrast, hole diameters starting at approximately 20mm favor indexable tools, primarily for economic reasons. Replacing larger diameter brazed tools is expensive, whereas indexing an insert and guide pads gives an easy extension on the tool's life. Indexable insert manufacturers also offer an exhaustive range of carbide grades, coatings and chip breakers for application-specific advantages.

The placement of the indexable inserts on BTA drill head varies by diameter and by manufacturer, and can include one or multiple inserts mounted directly to the head or set in a heat-treated cartridge, which is then mounted to the head. Guide pads are typically mounted to the head to counter the drilling forces and burnish the hole during drilling. Indexing, or rotating, a direct-mounted insert is as simple as loosening the retaining screw and turning the insert to expose a fresh cutting edge. If the insert and pocket were made with tight tolerances, your cutting diameter should remain reasonably consistent.

Cartridge-mounted inserts, however, typically incorporate a shim or other adjustment system to allow for a much more precise diameter setting after indexing inserts and guide pads. This process does require additional equipment, however, such as a micrometer and stand or tool presetter – as well as the skills needed to accurately make the necessary adjustments.

Whether you select brazed or indexable BTA drills for your deep hole drilling application, you will be rewarded with high feed rates and process reliability, along with minimal centerline deviation and excellent hole quality.

Further information on all machines and the complete UNISIG machine program is available at: www.unisig.com or follow the company on LinkedIn and Twitter (@UNISIG).



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UNISIG
DEEP HOLE DRILLING SYSTEMS

New UNISIG Operating System Streamlines the Human-robot Interface

Representing a leap forward in programming, UNISIG's next-generation operating system further improves the human-robot interface and slashes programming times.

The new operating system, featured on UNISIG's UNE6-2i-750-CR small-diameter gundrilling machine, streamlines the setup of dozens of different part handling combinations to reduce new part setup times by 80% or more. The system significantly improves the communication between the machine's human machine interface (HMI) and the robotic controller. This enables centralized data storage or a single source of truth – the coding and data for the gundrilling operation and the program for the part handling are stored together for ease of recall.

Because it works within a parametric programming environment, the new operating system automatically adjusts its parameters to any dimensional part



changes, without the need to manually calculate and enter in new parameters. Such intelligence eliminates the need to start over and create entirely new and independent programs, while greatly simplifying and shortening programming times for part families.

The UNE6-2i-750-CR gundrilling machine with integrated robot ships with a handheld programming console/teach pendant connected to the machine. Prior to the use of parametric programming, all part handling operations were pre-programmed using the

pendant. Users can now enter and store all machine and robotic parameters in the machine HMI. This allows for a more centralized user experience and greatly reduces the depth of robotic experience required.

The machine HMI has built-in parametric selection guides, allowing users to toggle between data entry and the programming guides. Each data value, and its function, are graphically displayed in the on-screen programming guide. This prevents the guide from being misplaced and makes it available at all times, which is especially advantageous when periodically adding new parts involving large time gaps between them.

The UNE6-2i-750-CR with integrated robotic automation also features interchangeable part trays. The robot services both the machine's spindles and accommodates drilling of different diameters from each end. The optional lantern chuck system on this machine model allows workpiece loading into the rear of an automatic collet chuck to ensure accurate workholding, especially for uniquely shaped workpieces.

UNISIG's UNE6 Series of precision gundrilling machines generate holes from 0.8mm to 6.0mm (0.03" to 0.24") in even the most challenging of materials. Such capability makes the machines well suited for a wide range of applications, including medical part manufacturing.

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Noise & Vibration Measurements

Take sound to the cloud with Quantum from Cirrus Research

For more than five decades, health and safety practitioners have turned to noise monitoring equipment such as handheld sound level meters and personal noise dosimeters to assess noise levels in the workplace. However, with more and more businesses choosing to operate from multiple sites as opposed to across one site, it's possible that these more traditional methods of noise measurement and monitoring may no longer be the most efficient.

Quantum; the future of noise measurement

Quantum Indoor from Cirrus Research is a powerful noise monitoring solution with built-in cloud connectivity, perfect for continuous occupational noise monitoring, identifying the source and type of noise that is occurring, and highlighting where noise control measures are required.

With this instrument, it has never been easier to measure and monitor workplace noise continuously and remotely across one or multiple sites.

The cloud technology that is built into the Quantum instruments allows health and safety practitioners to connect multiple noise monitors on one account, allowing for data from each noise monitor to be viewed and assessed on one platform. This creates a network of interconnected instruments, whose data can be viewed and analysed side-by-side, removing the need to download information from separate handheld instruments one-by-one.

Additionally, Quantum indoor provides a constant

ear to the ground, offering live and historical data round-the-clock that practitioners can access from anywhere, at any time and on any device. Whether users are on the other side of the planet to where the instrument is installed, or they're stood in the next room, the data is always accessible on demand via the online Quantum portal, powered by MyCirrus.

With a network of cloud-connected noise monitors, the need for users to be physically on-site to measure noise levels is vastly reduced. Cloud-connected monitors, such as Quantum Indoor, can be installed and left to do their jobs completely unattended. They can then be configured remotely to send users real-time alerts when noise events occur, which provides greater control to health and safety practitioners in the workplace.

With Quantum Indoor, you can:

- **Link multiple units** to form a cloud-connected network of noise monitors to make viewing the full picture of your workplace noise impacts easier.
- View your **live and historical data** in the Quantum portal anytime, anywhere around the world on any device.
- Create numerous **audio triggers and notifications** based on your personal set of conditions for acceptable noise emissions, and receive these notifications via email, SMS or push notification.
- Use the **frequency analysis** screen on the Quantum portal to further view and analyse



your noise data and better understand the exact nature of the noise.

- **Create detailed reports** directly through the Quantum portal based on direct data captured by your Quantum Indoor units.

The Quantum Portal; powered by MyCirrus

With the Quantum Portal there are no fixed fees or set up charges. With Cirrus Research, users are offered subscription packages that are flexible to fit in with your noise monitoring programme and your preferred level of usage. These flexible plans means that you have the ability to change your subscription up or down on a monthly basis.

Powered by MyCirrus, this portal is suitable for all Quantum noise monitoring devices, and can also be used with other instruments such as the Cirrus Research Environmental Noise Measurement Kits.

Contact
T +44 (0)1723 891655
sales@cirrusresearch.com
www.cirrusresearch.com

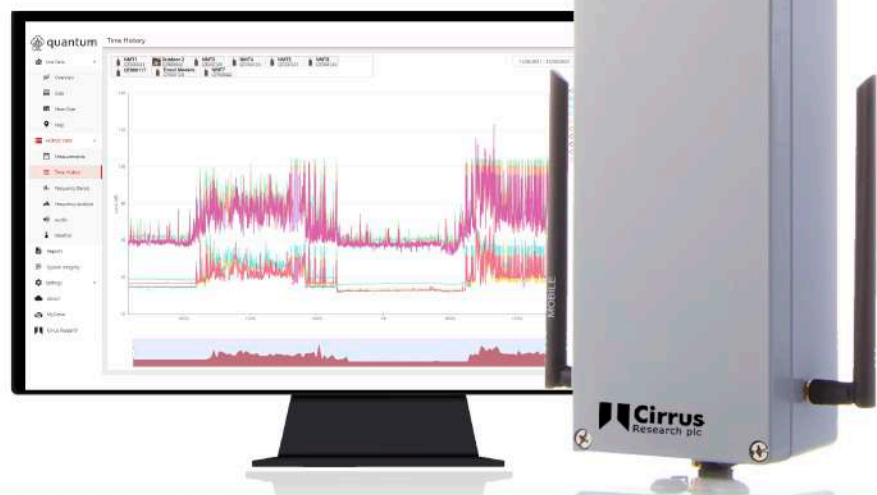
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Get instant access to your **noise, weather, air quality and ground vibration data** with Quantum Outdoor from Cirrus Research, our first fully integrated cloud-based comprehensive environmental monitoring system.

Quantum Outdoor can work in any environment, including providing long-term remote noise and environmental monitoring for the construction and demolition industry.

Discover remote environmental monitoring:
cirrusresearch.com/quantum-monitoring



Anua Clean Air: Air pollution control specialist

Anua Clean Air UK Ltd are a specialist Air Pollution Control company with expertise in the field of biological treatment of air and Biogas. Anua are established leaders in the fields of high performance, low-cost emission abatement primarily based on our Patented Biofiltration and Bio scrubbing technologies.

Our Monashell™ and CrumRubber™ use recovered materials as the critical filtration component. The unique properties of these materials enhance capture and treatment which in turn provides multiple environmental benefits in terms of Circular Economy, Carbon Footprint (low water and energy requirement and no consumables) and removal of harmful atmospheric pollutants.

During the past number of years along with its parent Company Anua Clean Air International limited and Italian Sister company Air Clean SRL we have been very active in the UK, Ireland and in overseas markets including Italy, France, the Middle East, China and the US. International Reference



projects include Dual Pass Monashell Installations in Riyadh, Jeddah, Laguna Lake in the Philippine's, Coimbatore in India, and Sindos in Greece. For our new CrumRubber technology we have supplied new installations in the Canary Islands, China, Oman and UK and Ireland. We are also currently working with Air Clean USA on the delivery of a number of new installations for the US market.

www.anuacleanair.co.uk



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- Skid Mounted Odour Control Units -
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Marine & Offshore



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MiB incorporates the diagnostic knowledge of expert diagnosticians in the conventions of mature condition monitoring techniques and aligns this with AI functionality to identify true outliers and then offer meaningful diagnostic advice.

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Objectives

Using our asset condition assessment software MIB, we will create an integrated software platform for undertaking prescriptive maintenance on your ship's machinery, structures, and auxiliary systems. This will be achieved by using data from existing condition monitoring, diagnostic sensors and systems, the implementation of advanced predictive analytics and the integration of a maintenance actions/prescription database.

Based upon advanced, artificial intelligence (AI) and deep learning algorithms MIB will prescribe, the most appropriate maintenance strategy in real-time for every asset under its control, based on the subtle but pre-alarm indications of emerging faults that will occur at a future time.

Specific objectives of MIB are to:

- Establish the monitoring and maintenance needs of each vessel
- Specify the software platform parameters based on each vessel's requirements
- Deploy our intelligent monitoring software module
- Integrate the module into the MIB platform and provide routine updates to the crew



[View the MIB interview on YouTube](#)

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ECO PHYSICS AG develops new three-channel chemiluminescence analyser (NO/NO₂/NH₃)

ECO PHYSICS AG offers innovative analytical solutions for measurement tasks in the fields of environment, health and process control. Using its vital expertise and technology to contribute towards environmental preservation, human health, and industrial innovation, ECO PHYSICS' interdisciplinary research and development team work tirelessly to deliver the best customer orientated and tailor-made products and services for the industry.

Founded in 1990 through a management buy-out, ECO PHYSICS stands strong today as an independent Swiss shareholder's company with an active board of members who are committed to the future growth and success of the company. We spoke to Dr. Grischa Peter Feuersänger, Head of Sales & Marketing who explained how the past 12 months have fared.

"We have received a positive recovery post pandemic. Many public projects were reopened which generated a lot of opportunities for new references. The war in East Europe is a new tough challenge to overcome, especially for companies that rely almost completely on importing parts and exporting their finished products. But the main challenge for all of us has particularly been the manufacturing costs, shipping routes and exchange rates. Since 2022, we have used this time to expand our product portfolio and modernise our production line. New staff has



been hired for production and R&D, and we have rearranged the supply chain due to the rise in production costs. We have adapted our yearly forecast to cater to this, we know it will be hard, but optimisation is our current goal."

Knowing there is no quick fix to economic changes, ECO PHYSICS is determined to continue innovating and has developed a new three-channel analyser based on chemiluminescence. As an upgrade from the The nCLD AL2, The nCLDAL3/8555 CY analyser is the next generation in high precision nitrogen oxide measurement. Unique in speed and reliability, the nCLDAL3/8555 CY is modular designed and capable of simultaneously NO, NO₂, NO_x, NH₃ and NOX-Amines. The new and intuitive graphical user interface also individually displays and connects to other instruments' data.

Overall stability and reliability are lifted to a new level. The optional electro-mechanical bypass system balances out even the fastest

of pressure variations occurring in the sample flow. Furthermore, the analyser is adaptable to numerous non-standardised applications and the calibration of the unit runs quickly and automatically with all necessary data available anywhere at any time. Its user friendly, compact, modular, and intelligent hosting its own CPU whilst enabling interaction with other CPUs by BUS-communication.

Additionally, ECO PHYSICS has also been developing upgrade kits for all its existing products to help counteract some of the problematic complications the supply chain has caused. "We have used this chance for some substantial upgrades in hardware, software and gas flow controls," added Dr. Grischa Peter Feuersänger.

Going forward, ECO PHYSICS is excited to continue working on optimising production workflow whilst simultaneously expanding its current portfolio and developing new technologies.

In closing, we asked Dr. Grischa Peter Feuersänger how the company felt receiving our award. He responded, "We are extremely honoured to be nominated, thank you."

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ECO PHYSICS nCLD "Facelift" boxed solutions AL³ / nCLD 8555



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- ✓ Remote operation and POWER UP/DOWN
- ✓ USB, HDMI, LAN/WLAN, Bluetooth, RS-232, Analog I/O

Measurement of:
NO · NO₂ · NO_x · NH₃

The three-channel chemiluminescence based NOX/NH₃ analyzers of the nCLD "Facelift" box-solution analyzers detect NO, NO₂, NO_x and NH₃ at concentration ranges from 0-50ppb to 0-50ppm with a minimal detection limit from 0.4ppb. The three-channel nCLD AL3/8555 includes an internal pump and the slightly modified front panel has been equipped with an additional Power-button and a new internal PC. Additionally, all nCLD-models are capable of a remote power control, including a failsafe feature. The AL3/8555 is the ideal instrument for ambient air monitoring, either installed in racks, fixed monitoring stations or mobile laboratories. The instrument's inlet operates at ambient pressure. Calibration of the unit runs quick and automatic while all necessary data is continuously stored and readily available anywhere and at any time. According to ISO EN 14211.



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BUILDING UPDATE

ISSUE: 685 April | www.solutionspublishing.co.uk

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.

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



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Wallbed Systems
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Goland Group
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see them on.....VII



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Our wallbed models provide limitless possibilities for transforming living space

Wallbeds have never been easier to order, build and install. They can help transform homes, offices and hotel rooms into multi-purpose and versatile spaces as well as providing functional storage areas.

Our wallbeds use a unique, safe, spring support system enabling the precise adjustment of balancing lift, compared with cheaper gas lifts. Our spring balance system has been developed over a 20-year period to guarantee safety and achieve the perfect balance. Being both powerful and adjustable means you can use a premium mattress for absolute comfort as well as to perfectly balance the wallbed, using fingertip control to open and close the wallbed effortlessly and safely.

All our mechanisms and hardware models are complete with contract level finishes and strength.

The NeXT Bed™, Alpha Bed™, Beta DIY Kit, and Studio Desk provide huge scope for rethinking the way we

live, work and sleep. Wallbeds can be used with subtlety and even completed hidden. Built to contract standards, and as well as appearing in an increasing number of homes globally, wallbeds are also gaining increasing popularity in the hotel and hospitality sectors due to their durability and suitability for everyday use.

Wallbeds can also provide additional capabilities such as providing extra storage, integrated seating or a desk. Installation costs are low and especially reduced if installed when completing a full fit out. In furnished apartments, hotel rooms and in tiny or mobile homes, all our models utilise the floor plate very effectively which is essential especially where space is increasingly at a premium, and furniture must be dual purpose. Full drawings are available of cabinet fixings where needed.

Our innovative NeXT Bed™ is an instant wallbed solution used with or without cabinet, immediately installable and useable on arrival, and currently in stock and available worldwide. With a tiny footprint and with fingertip control, the NeXT bed uses the safe spring support system. It can even be part-assembled off-site to further minimise installation time on-site.

The Alpha Bed™ utilises rolled section steel for strengthening the wallbed front panel and includes cross braces to ensure maximum load compatibility whilst never compromising on the perfect balance nor comfort. Our Studio Desk, compatible with the Alpha Bed™, functions as either a desk or side table and integrates directly into the wallbed. Not only does it disappear when the bed is lowered but keeps



desk items vertical and undisturbed while the bed is lowered, raised, and in use.

Weighing just 15kg and the size of a cabin case, the Beta DIY kit has been developed specially for cabinet makers, and a range of other specialist trade professionals who require an affordable, compact, safe, reliable, and easy to operate system that from one package, will deliver any size of professional wallbed.

Our wallbed models provide limitless possibilities for transforming living space – just add your creativity and design for the space you need. Free consultation, advice, innovative designs and support provided.

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Events

Elite event crewing services

Olympus Crew offers a comprehensive range of event crewing services, distinguished by its highly trained and versatile team. With expertise spanning from tools and staging to AV and lighting, the crew is prepared to handle a range of diverse tasks efficiently.

Founded in 2018, Olympus Crew has rapidly established itself as a versatile and reliable partner in the event industry. Over the past six years, they have successfully managed a wide array of events, including festivals, corporate gatherings, live shows, and sporting events. With seasoned crew chiefs at the helm, Olympus Crew ensures smooth operations, effective client communication, and proficient management of large on-site teams. Its dedication to excellence makes them a standout choice for event execution.

Olympus Crew have the ability to travel all over the UK and even overseas when required. The team is made up of diverse skillsets including carpentry, audio visual, physical and mental strength, as well as forklift and IPAF operators.



The crew will be with you from the start to the end of each project. Whether that be picking items from a warehouse, building and painting sets in a workshop or loading and unloading trucks, Olympus Crew offer as much off-site as they do on.

If you're looking for an elite crew that is professional in its execution with a hardworking attitude, get in touch today and a member of the team will be in touch within 48 hours.

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Event Crew in Leeds & in London, UK

We are a crewing company, for the clients, and for the crew. We ensure the best services for you



Olympus Crew set up in early 2018 has developed into offering event solutions with crew, technicians and carpenters nationwide. Staffing jobs and events predominantly in the north of the UK, Olympus Crew has now spread across the UK and the globe working on some of the worlds most prestigious events.

Event team Leeds and London

Whether it's a big or small event, International or Local, Olympus Crew have you covered. With crew operational in Leeds and London, with the ability to travel far and wide, we are a convenient and proficient option for you to use for your crewing needs. As well as the UK, we've sent crew to Europe, Asia, Australia, North and South America, so wherever we're needed we'll be there for you.

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Great British Lighting is a specialist lighting manufacturer with a reputation and portfolio established over the last 100 years. Our work is primarily in the manufacture of decorative light fittings for Public Buildings, Cathedral, Museums and Theatres and International Theme Parks: from one-off reproductions to large scale manufacture. All items are manufactured and assembled at their premises in Fleetwood, Lancashire.

With an archive of over 35,000 products, drawings and specifications, Great British Lighting can reproduce almost any luminaire from the last century and earlier, employing the latest CAD technology coupled with traditional craft skills. Great British Lighting also offers bespoke metalwork service producing high quality items such as balustrade, ecclesiastical fittings and door furniture.

Great British Lighting offer a comprehensive cleaning and restoration service, working sensitively on conservation projects to bring lighting and metalwork back to its original glory.

Recently completed the refurbishment of existing lighting at Rochdale Town Hall.

Please visit www.greatbritishlighting.co.uk
✉ sales@greatbritishlighting.co.uk | ☎ 01253 873503




Pioneering sustainability with Recycled Plastic Innovations

In this issue of Building Update, we are proud to spotlight Kedel as our top recommendation for eco-friendly plastic products in 2025.

This recommendation comes off the back of a fantastic year for Kedel. 2024 saw the company win double awards in the Feefo Trusted Service Awards 2024 as well as receive the Exceptional Service and Gold Trusted Service Awards 2024. These awards epitomise their exceptional customer experience across the board, which has been at the heart of Kedel operations since inception.

Kedel is a market-leading manufacturer and distributor of recycled plastic products, outdoor and park furniture. With a focus on sustainability, Kedel has been a front-runner in the industry since winning the 'Best Recycled Plastic Product' at the National Recycling Awards back in 2015.

Over the years, the family business has expanded, with a product range now serving a wide customer

base including local Government, housing associations, education, construction and domestic sectors.

The three founders are brothers: Kieran, Dermot and Lewis Walch, whose endeavour to bring sustainable products to the foreground have made Kedel products the 'industry's products of choice.'

"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, and notice boards just 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," explained Lewis.

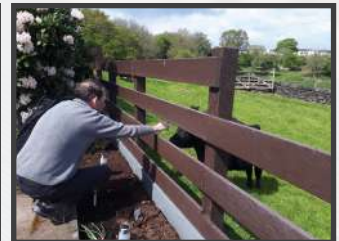
Using recycled plastic offers a dual advantage: it significantly reduces the carbon footprint while delivering substantial returns for businesses. These products are rot-proof and require no ownership costs, maintenance, labour, materials, or replacement expenses, making them a cost-effective and sustainable choice.

Take Kedel's plastic fencing panels for example, which are an ideal solution for end customers, including housing associations. Unlike traditional wooden panels, they eliminate the need for frequent replacements. The entire sustainable range withstands frost without cracking and remains intact even under heavy rain, avoiding splintering or damage. Additionally, Kedel's benches and picnic tables are perfect for educational institutions, providing durable outdoor furniture without the burden of high maintenance costs.

To find out more about the full product range, click here: www.kedel.co.uk



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IAS: Success at APF 2024 and exclusive new Socage product

Independent Access Sales (IAS) sell market-leading manufactured platforms, such as Easylift Spider Platforms, SOCACHE Truck Mounting Platforms.

Based in Huntingdon, IAS has gone from a relative newcomer on the market to selling million-marked machines over the last two years. One of the main reasons for the company's success is the focus on solid customer service. Founder Richard Martin has 35 years' previous sector experience across scaffolding, supervisory roles and surveying and understands the industry inside out.

With a focus on brand awareness, IAS brought its Easylift Spider Platforms and SOCACHE truck-mounted platforms to the APF Show from the 19th-21st September at Ragley Estate, Warwickshire. APF has been running since 1976 and is a respected dedicated biannual event for the whole forestry, woodland, arboriculture, firewood,



fencing, tree and timber sectors. It's the largest of its kind and attracted 23,000 visitors this year.

"APF 2024 was a huge success for us. We met lots of knowledgeable end-users, with a huge appetite for the latest machinery. As a biannual event, it had an extra buzz, with lots of strategic talk. We had lots of hot enquiries and sold a SOCACHE 24D double-articulated truck platform during the three-day event. This product has been precision-designed with safety in mind, with automatic stabilisation as standard. It can reach a working height of 23.60M and a lateral reach of 12.70M with a maximum load of 300kg: perfect for all tree surgery jobs. The SOCACHE 24D is set up to approach heights without risk of collision and with improved precision, which is ideal for manoeuvres like tree pruning," added Richard.

The Easylift Spider Platforms are also ideal for tree surgeons: with the range available from 13M up to 53M. The Easylift platforms give the owner

operator assurance and flexibility in business: simply put – more control over what to do in different environments. For tree surgeons, this allows operators the advantage of closing the Easylift Spider Platform down to less than 1M working width to take down a narrow footpath in a forest, to setting up on a hill to work at great height.

"We are delighted to report that from early next year, we will be supplying the SOCACHE 75M – which will be the largest SOCACHE access platform in the UK: a market-first. Contact us now for further information!"

For more information or to speak to Richard Martin directly, please see the details below:

M 07483 246878

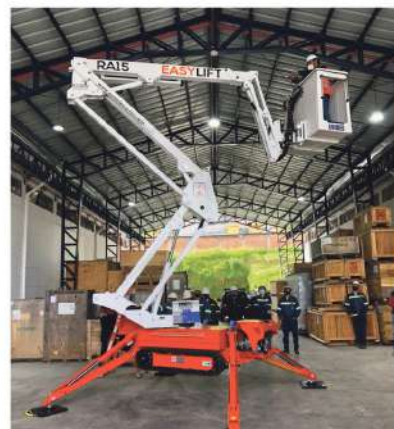
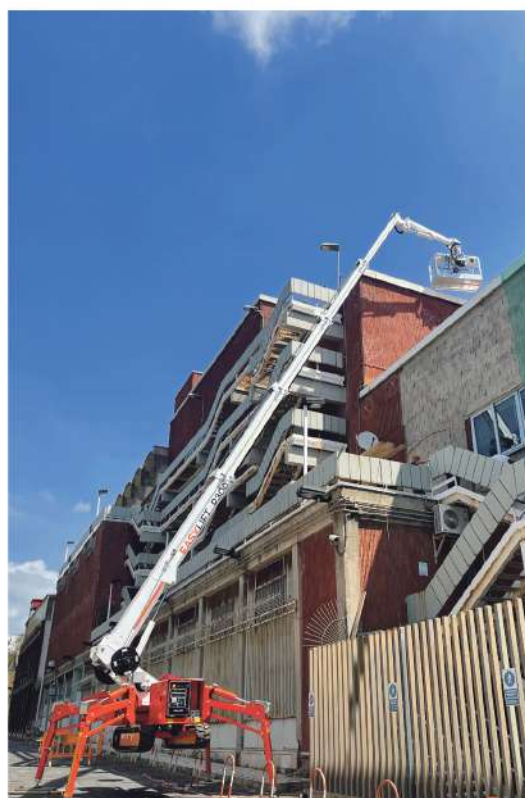
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Electrical Products

SIMONBOX: Revolutionising electrical installations



The SIMONBOX IP66 exemplifies outstanding quality and innovation, setting a new standard in the industry by addressing the design challenge of making a waterproof floor outlet which is easy to access and easy to use.

Designed for use in hard floor areas which require occasional power, data connection, and an IP protection rating, the SIMONBOX IP66 plays a significant role in the advancement of electrical solutions.

For example, its ease of use is remarkable. There are no lids to unscrew or extra parts to assemble. Users simply pop open the lid using the standard slide or the Allen key

security mechanism. Inside, the outlet can be fitted with either a UK 13amp or 5amp socket. When in use, the outlet meets the IP20 standard, and when closed, it achieves IP66 protection.

The SIMONBOX is available in two finishes: brushed stainless steel and brass. Users have the option of selecting waterproof sockets, with choices for a flush floor or a trimmed box finish. Depending on the floor type, there are two back box options: one for screed floors and another for raised or suspended floors.

When installed in a concrete floor, the SIMONBOX is designed to sit flush with the surrounding surface. For raised floor installations, commonly used in decking projects, the SIMONBOX sits slightly elevated to prevent water pooling around it. Internally, the back box features a self-drain opening for added protection.

CE and UKCA certified, find SIMONBOX available via your local electrical wholesaler or online at: www.simonbox.co.uk

Get in touch for more information: info@gromtec.com.



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Electric Heaters

Why Electric Smart Heaters?

Selecting the right heater for a home is one of many decisions to make when building, renovating and converting. But how do you know what to choose?

Prioritise your indoor air quality

Ever noticed how heating sometimes affects the air indoors? And did you know poor air quality affects concentration, health, and overall wellbeing? Heaters that burn dust, lead to unpleasant smells and potential health irritants when being released. This could be especially problematic for those with asthma and allergies but also affects concentration and learning abilities.

Beha Electric Smart Heaters

address this issue with an innovative design: an extruded aluminium surface with perforations ensuring temperatures stay below where the dust begins to burn. Simply put, these heaters do not burn dust and therefore does not affect the indoor air quality of your home.

Control your heating

Each Beha Electric Smart Heater has an independent in-built thermostat, letting you customise the temperature for different rooms. You can set up a weekly programme and adjust this through an easy-to-use free app on your smart phone or tablet, controlling your heaters from anywhere, anytime. Only heat the rooms you need, as much as you need.



These heaters can also be manually adjusted. The set temperature will project with large clear numbers onto the floor for a few seconds to make it easy to see.

Your interior style and design choices

The range of Beha Electric Smart Heaters includes heaters with traditional steel front, modern glass front and an innovative paintable front that also can be used 'raw' as it is. It is your style and your choice. These heaters not only come with different looks but also in different sizes and power outputs so there is a heater for all needs and interior styles whatever room and type of project.

With our wide range of Electric Smart Heaters, you can be confident that you will find the perfect solution for your home. These heaters stand out not just for their quality, but for the sheer convenience and interior options they bring.

Would you like to find out more? Visit our website: www.behaheaters.co.uk

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Pre-painted Nordic Panels for walls and ceilings give an outstanding, durable finish in any room without the need of skimming, priming or painting, saving on time and labour cost. Nordic Panels can be applied directly onto stud work or over existing surfaces to provide high quality walls and ceilings. Sustainable and without harmful solvents, Nordic Panels have a fantastic M1 rating for indoor emissions, making them one of the cleanest interior wood fibre panels on the market.

If you want a professional interior that is easy to install, durable and environmentally friendly, then Nordic Panels are for you!

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Frequent waste extraction blockages requires system analysis

A large packaging manufacturer in Northern England endured a waste extraction system plagued by daily blockages due to 30 years of incremental changes without a major waste system review. Paramount initially addressed the issue with a small project, installing a new in-line Paramount Shoe diverter. Unlike traditional diverters, this unique design operates while waste flows and prevents blockages by avoiding trapped waste on the diverting blade.

Impressed by Paramount's performance, the customer entrusted us with a major upgrade to eliminate recurring blockages, expanding the system for new machines, and carrying out substantial service work and modifications. Paramount conducted a detailed survey, modelled the waste system using our bespoke software, and planned improvements with minimal production disruption.



System upgrades included replacing and extending ducting, adjusting diameters to optimise waste flow velocities, and installing Paramount Shoe diverters throughout. This allowed for waste segregation, enhancing returns on waste and assisting customer's sustainability targets.

Post-upgrade, the customer experiences less than one blockage per month, allowing for an investigative procedure with most now being attributed to operator error rather than system design. This work, carried out for a multi-site, multi-country producer, has not only resolved long-standing issues but also strengthened Paramount's relationship within the customer's Group through the installation of proven, tested solutions and Engineering expertise.

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With a focus on efficiency and sustainability, Paramount Waste offers custom solutions to optimise waste handling, reduce production downtime, and enhance operational productivity with automated systems. Our services range from complete turnkey installations to system assessment, modifications and upgrades.

A complete range of proven designs including Chopper Fans, Separators and Filtration equipment combine with many years experience to create efficient and effective designs that work.

Paramount Waste collaborates closely with clients to ensure each project is completed within budget while delivering lasting improvements. Known for our expertise and commitment to quality, we provide dependable solutions to meet all types of modern industrial waste handling challenges.

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- Floor Insulation
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- External Wall Insulation
- Understanding Domestic Retrofit



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We are a leading training company s at the forefront for ensuring the green skills workforce are trained to their maximum potential.

We are forward-thinking, our courses can be delivered either on-site or at local venues across the UK, ensuring accessibility and convenience for all who want to take part.

Get In Touch:

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Time Saving

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Easy to Install

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Less insulation lost

Increase surface area of insulation

Specific Design

Products designed specifically for the job

Through this partnership, Swifix and Support for Success are not only promoting sustainable construction practices but also fostering a skilled workforce capable of meeting the challenges of the green sector.

Together, they are contributing to the creation of energy efficient homes and supporting the UK's journey towards a net zero future.



Get In Touch: 01884 211540 INFO@SWIFIX.CO.UK WWW.SWIFIX.CO.UK

One-stop-shop for indoor and outdoor sports and leisure spaces

The UK has seen an explosion in indoor recreational spaces, from trampoline parks, Ninja Warrior courses to soft play centres.

The first indoor Trampoline Parks opened in 2014 and over the last ten years, over 150 parks have opened. From corporate days out, to children's parties and clubs, trampoline parks are a growing industry.

Ninja Warrior Courses have likewise sprung up in major cities across the country, all inspired by the ITV hit programme Ninja Warrior UK. From Leicester to Liverpool, children and teenagers of all ages put their Ninja skills to the test in a series of physical obstacle courses.

Soft Play Centres hardly need an introduction, as most aunts, grandparents, and parents will have taken their child or younger relative to one at some point. Come rain or shine, all year round, soft play centres provide hours of safe, sociable fun for babies,



toddlers and children. Designed for children to let off steam, the integrated slides, ball pits and play areas are perfect for weekly meet ups and children's parties.

For companies looking to increase franchises and open new centres, it's always good to use manufacturers renowned for professionalism, expertise and excellent customer service. The Playcraft Group fits the bill with 40 years' children's play industry and 25 years' play centre attraction industry experience. Based in South Wales, the company offers a one-stop-shop for design, manufacturing, installing and maintaining trampoline parks, climbing walls, Ninja Warrior courses, adventure playgrounds and much more.

"We offer bespoke installations across the indoor and outdoor sports and leisure sector, as one of the few one-stop-shops in the industry. Our previous high-profile clients have included Disney, Land Rover and Cartoon Network and we work with farm parks, theme and holiday parks, schools, the FEC sector and more. We know the business inside out and we're happy to offer free 360° advice from business plans and models, to planning application support, insurance to franchising advice. From Jungle or Space themed soft play, climbing wall in a new upcoming urban space, to an exciting Ninja Warrior Course, we can do it all.

Currently we are working on a wheelchair-friendly, soft play section for a local soft play centre. We are adapting our soft play materials to incorporate the width of an electric or manual wheelchair. The end result will be an inclusive space for children in

UK Manufacturers



wheelchairs. More and more soft play centres are adding sensory spaces (lights, textures etc) to support neurodiverse children, to increase inclusivity for children and their families," explains Mike Broadfield: founder, coach and consultant.

To start your indoor leisure franchise journey today, contact Mike on the details below:

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Bluerun Ltd 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 Custom-Made Joinery Excellence Award for 2025.

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.

Since 2022, the company has continued to strengthen 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.

Based in Wimbish, near Saffron Walden in Essex, Bluerun manufactures quality, bespoke joinery items for the commercial market from door and window packers to shopfronts, reception desks, mainframes, pub doors, and years ago, 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.

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 that they would like reproduced, Bluerun can usually do that. Recently the company has started using a glass supplier that supplies them with stained glass effect units, complete with leading that has been aged and soldered.

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.

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Le Tonkinois Varnish & Flexidisc Sander: Trusted tools for lasting finishes



B & D Murkin is the main UK importer for Le Tonkinois Varnish and the Flexidisc sander. Established in 1992 by three brothers Derek, Brian and Roy Murkin, the company is based in Maidenhead and imports a range of products that are used by professionals and amateurs to produce fantastic finishes. Its main products have been demonstrated and sold at numerous shows throughout the UK for over 30 years and have proven reliable and resilient over this time.

Le Tonkinois Varnish is an environmentally friendly natural oil-based yacht varnish, that uses a Chinese formula dating back two or three centuries. Designed to remove brush-marks, bring out the natural beauty of the timber without cracking or flaking off, this permanent varnish is simple to use and only requires an additional coat every few years. Proven as the perfect solution for the amateur user seeking a professional product, Le Tonkinois Varnish comes available in three separate forms.

Le Tonkinois Classic is a high-quality finish known for its exceptional penetration, even on oily timbers, creating a strong and lasting bond without leaving brush marks. It forms a tough, non-porous, and weatherproof coating that is highly resistant to UV rays, sea water, and other harsh elements. Free from harmful or irritating ingredients, it is ideal for indoor use but also surpasses many competitors in outdoor applications. Ecologically friendly and free of petroleum solvents, it can be applied over most existing finishes (excluding wax), and enhances the natural beauty and colour of bare wood. Especially suited for boats and garden furniture, it remains flexible and will not crack, chip, or peel. Its natural, brilliant gloss can also be adjusted to a matte finish if desired.



Le Tonkinois Marine No. 1 is a further refined version of the Classic, offering enhanced purity and superior performance. It dries faster, penetrates wood more effectively, and is easy to apply. With improved UV protection and greater resistance to abrasion, it provides a more durable and long-lasting finish. Marine No. 1 also delivers a higher gloss compared to the Classic and is less prone to skinning in the can, making it an excellent choice for demanding marine and outdoor applications.

Le Tonkinois Parquet is ideal for flooring and employs a strong synthetic Alkyd resin and Ester oil to return a harder-wearing surface for foot traffic. The finish is a little less glossy than the other two, just slightly opaque. Furthermore, all three can be matted or semi-matted by including Gelomat in the final coat.

Le Tonkinois is also brilliant for use on boats in fresh water sea or sludge. Le Tonkinois is brilliant for all materials. Because it stays flexible, it moves with the timber, so it is even suitable for use on Oak or Cork without cracking. Other areas of use include outdoor and interior woodwork as well as kitchens because it is fully waterproof, cannot be marked by hot cups or plates, isn't affected by water or alcohol, and is classified safe to use in food areas.

Another notable product is the Flexidisc Sander/Grinder that gives a superb finish on wood, metal, fibreglass, car body fillers and all other hard materials. The Flexidisc Basic pack includes a Flexidisc sander, steel locking nut, abrasive discs, and cleaning rubber. In its basic state it's a general sander, however its capabilities are varied meaning it converts



in seconds to be used as a super-fine finishing sander, a bench grinder, a general-purpose sharpener, a partial angle grinder, a polish applicator/polisher, as well as a grinder for glass and nails.

The Flexidisc Sander/Grinder is a 5" (125mm) disc sander attachment that fits into any drill. Its flexible, vibration-free shaft provides full control without skidding or scuffing, ensuring smooth results with minimal effort. It uses reusable, velcro-backed discs coated with ultra-hard Corundum – each lasting as long as 100 standard discs. These discs handle everything from soft plaster to steel, and can polish rough timber faster than conventional sanders, all while generating minimal heat, making it safe for materials like GRP and old paint.

If you're would like to learn more about these products, or any further services, please see below:
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Oliver Valvetek to supply critical equipment for Chevron's Jack St Malo field development



Oliver Valvetek is proud to announce that a batch of high-performance valves will soon be heading to the Gulf of Mexico, specifically for use in the Jack St Malo field development, operated by Chevron. These valves will play a vital role in subsea operations, where they will be mounted on the Subsea Christmas Tree's ROV panel.

While the precise application remains confidential, it is typical for such valves to be integrated into the Subsea Christmas Tree (XT) system. These systems are essential for offshore oil and gas production, controlling the flow of hydrocarbons from the seabed to the surface.

In an innovative twist, these valves will be uniquely equipped with a Position Indicator for Remote Operated Vehicle (ROV) verification of their operation. This feature provides ROV operators with clear, real-time feedback on valve status, enabling precise open/close indication. The valves in question are multi-turn designs, which makes accurate ROV verification particularly crucial.

This enhancement will ensure smooth and safe operation in the challenging subsea environment.

The Jack St Malo field development is one of Chevron's flagship projects in the Gulf of Mexico, an area rich in untapped energy resources. It is located approximately 280 miles (450 kilometers) off the coast of Louisiana in the deepwater region of the Gulf, where Chevron is working to maximise production while maintaining the highest safety and environmental standards.

Oliver Valvetek continues to support the energy industry with its world-class engineering and innovative solutions, solidifying its reputation as a trusted partner for critical subsea applications.

For more information on Chevron's Jack St Malo field development, please visit: Chevron's Jack St Malo Project Overview.

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Service Sealing Solutions Ltd has the exclusive rights to distribute DOYMA 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.

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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.

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



Husband and wife team, Jim & Tina have recently visited DOYMA in Germany to find out about the innovative products that DOYMA have been developing

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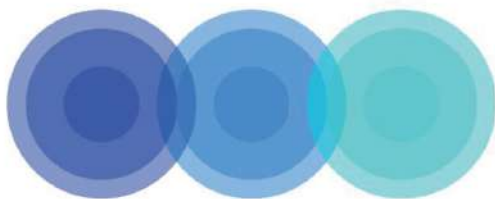
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CML readies itself for a surge of new market opportunities

CML Innovative Technologies (CML) is the leading manufacturer of LED signal lamps for all industrial applications and has been working with light since 1931. As a market leader in its field, CML was one of the first companies to introduce LED lamps and now has one of the broadest ranges of miniature lighting products in the world. "In 2004, the company became CML and continued to grow, establishing its international pedigree with two factories in Guangzhou, China, and Sibiu, Romania. While CML remains in Bury St Edmunds, the group was acquired by Spain's Grupo Antolin, which employs 28,000 people globally," stated Roger Neal, Commercial Manager.



From lamps for signalisation, panel mount indicators, LEDs, LED displays, medical lamps, and aviation lamps, CML provide light to an abundance of markets and pride itself on the ability to be as flexible and adaptable as possible in the manufacture of their own branded products to meet customer specifications and demand.

"CML in the UK focuses on specialist applications mainly manufacturing lighting solutions for automotive, aviation and general industries. We manufacture a standard range of products and customer-specific solutions from customer concept to production, including in-house design. Our portfolio runs to thousands of miniature lighting options in size, function, colour, finishes and voltages," said Roger.

CML is continually developing its own product range and has recently witnessed positive movements from customers seeking more product value. Some competitors fall short as they only provide a face value market product however, CML offers further manufacturing capabilities such as the add-on of cables and connectors to a product, which carries weighted value. The ability to meet customer specific requirements has attracted much attention in the industry as the manufacturing processes available from CML dramatically reduce production time through its made to order service.

"Nothing is impossible for us, we produce to customer demand working with customers. We have done work for individual airlines and collaborated



with their design division to manufacture LED replacements for incandescent lamps. There is a cockpit lamp, which we have produced for years, and there can be up to 1,200 different pieces per aircraft of that particular type. Our possibilities are endless," remarked Roger.

You will find CML products all over the world, from medical applications to gaming industries, by having full control of the entire value chain enables CML to be flexible with our clients' requirements. Since COVID-19, 50% of the business has come from industrial sectors. "Automotive sales have improved in the last year and the industrial side has witnessed significant growth. The pandemic has only made us stronger as a company, and as a result, our flexibility has generated an upturn in demand and helped create new business opportunities," said Roger.

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There is increasing global demand for fabricated metal products in the renewable energy sector (wind turbine manufacturing), automotive (engine parts to injectors), aerospace, medical, electronics sectors (circuit boards, transistors and integrated circuits) and jewellery/the arts.

With a focus on the circular economy and Net Zero Targets, laser welding provides pinpoint accuracy, which means higher quality welds and less waste.



Spotlight on Machinery Supplies UK Ltd: Laser welding experts

Laser welding is a game-changer, offering welding up to four times faster than TIG welding, with significantly greater safety assurances due to reduced splatter and debris.

Established in 2020, Machinery Supplies UK Ltd was founded by Andy Naylor, who brings a wealth of industrial sheet metal experience spanning over 35 years. Based in East Yorkshire, Andy regularly travels to China to source the world's best laser welding machinery from high-end manufacturers to sell to clients in the UK, Europe, USA and Taiwan.

Laser welding: The future is here

Laser welding is ten times faster than conventional welding, which is good news for capacity and high demand in sectors like wind turbine manufacturing. The new Labour Government has removed restrictions on on-shore wind turbine planning and plans to deliver 50GW of offshore wind by 2030. This translates to the building of 2,600 wind turbines at the cost of £48 million by 2030 alone. Due to its geographical location, the UK has more capacity for offshore wind power generation compared to any other country in the world, except China. Laser welding offers hugely advantageous benefits to welding across the wind turbine manufacturing sector, which in turn will transform the UK's renewable energy sector.

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Endnote on Laser welding

Laser welding is used for welding components made from high-strength alloys in aerospace, creating precise joins in surgical instruments in medical science, is integral to wind turbine manufacturing and many more applications. It is transforming manufacturing, repair and design on a global scale.

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75 years of W J Horrod Ltd

This year, W J Horrod Ltd, an award-winning, family-owned business, proudly celebrates 75 years!

Founded in 1950 by brothers William John and Alex Horrod, W J Horrod Ltd began as a repair service, leveraging their military engineering experience. It quickly evolved into a leading manufacturer of asphalt and bitumen equipment, as well as civil engineering and highway maintenance machinery.

Incorporated in 1961, the company was named after their father William John Horrod Snr, whose financial support made it possible. Over the years, it remained a family business, with younger brothers and later generations taking the helm. Today, second-generation directors Kim and Terry run the company, with third-generation apprenticeship to carry on the legacy.

For 75 years, W J Horrod Ltd has been at the forefront of manufacturing equipment for industrial solutions. Based in London, the company is widely recognised as the industry leader in safety and efficiency.

Horrods thrive on challenges: continually developing, designing, and testing new products to ensure customers have the very best machinery and plant for each project. Over the years, Horrods has worked across mainly the 'building' industry, but its expertise is not strictly



limited to it. The company has provided all manner of products for manual handling, with clients ranging from the Royal Opera House, to the QEII Conference centre and Billingsgate Market. Their product range is extensive, and includes everything from the SwiftMelt Mastic asphalt mixer to Hotboxes, Hot Air Rubber

Materials melters, and thermoplastic pre heaters (whiteliners.)

Always at the forefront of safety, quality and efficiency, Horrods' range of services also include operator training, a

hire service for many of its products, consultation on heating/decanting of new materials, research & development for problem solving, health & safety, and the ability to collaborate with Health & Safety Executives.



Terry Horrod Snr truly championed health & safety and advised HSE on good practices until the early 2000's. Safety continues to be the watch word at Horrods today, as many of the larger products have moving parts using LPG Propane Gas or electric elements, and are heating vessels that produce hot materials.

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MiB is a product/service that builds in diagnostic support for multiple assets via Machine Learning and Artificial Intelligence.

T +44 (0)7422 079140
simon.edmondson@
cmservicesglobal.co.uk
maintenance-in-balance.com

Noise & Vibration Measurement



We manufacture and supply high-quality acoustic measurement instrumentation. Cirrus Research is dedicated to the prevention and eradication of noise-induced hearing loss and environmental noise pollution.

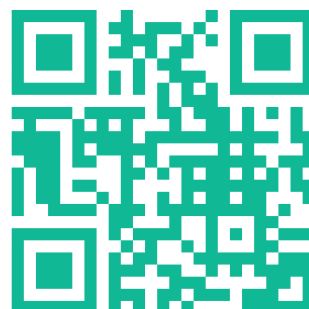
T +44 (0)1723 891655
https://cirrusresearch.com

Metal Improvements



Curtiss-Wright surface technologies provides customers a single-source solution and point of contact for all their controlled material surface treatments, supporting their requirements through our global network of over 70 worldwide facilities and on-site field teams, improving and reducing turnaround times and costs.

T +44 (0)1635 279621
eurosales@cwst.com
www.cwst.co.uk

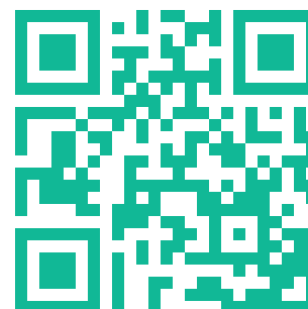


Industrial Applications



Working with light since 1931, CML is the market leader in the field of miniature lighting for signalisation. As one of the first companies to introduce LED lamps, nearly 30 years ago, CML is now the supplier with the broadest range of miniature lighting products in the world.

T +44 (0)1284 714700
uksales@cml-it.com
https://cml-it.com/en





Rutland Farm Park is a small 18-acre working farm in the market town of Oakham, the county town of Rutland, England's smallest county.

We are open all year round for you and your family to explore our tracks and meet and feed our wonderful and friendly animals.

Admission Prices Farm Park Admission

Adult 13+	£10
Child 3-12	£9
Under 3	Free
Family ticket	£35.00
Visitor with support needs with carer	£15

*(2 Adults and 2 Children/1 Adult and 3 Children)
We offer 10% Military discount with a valid ID
(Annual Passes Available)*

Opening Times Summer

Tuesday – Sunday 10am–5pm
(Last entry at 4:00pm)

Winter

Open on Bank Holiday Mondays
and School Holidays
Closed Christmas Day and New Years Day



Please visit www.rutlandfarmpark.co.uk,
contact **01572 722122** or
email info@rutlandfarmpark.co.uk

