

Best Practice



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Schmersal is once again awarded as “Best Managed Company”

“Palement convinces with the powerful mix of productivity, innovative spirit and vale oriented leadership.”

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Editor's Notes

Liz Dickinson
Editor



Welcome to our July Best Practice issue, with our latest round-up all news from across the industry.

Health & Safety is a paramount concern in all sectors and though fatal injuries are still thankfully rare, RIDDOR reported that sadly 135 workers were killed in work-related accidents during 2022-2023 across Great Britain.

Addressing these concerns is our monthly BP recommends company: Leicestershire-based Westley Lansdowne Safety Consultancy on page 15. With a targeted focus on providing expert H&S advice to SMEs, the company offer guidance across safety engineering, expert witness and H&S- with a view to developing self-contained safety management system products for lower risk businesses in the future.

From H&S to the laundry services sector, CLEAN, part of the AlSCO family of companies has announced the opening of its revamped Banbury laundry facility. After a large investment in the 24,000 sq.ft facility, it has become a next-level workwear, PPE, and floor protection mat processing laundry under the prestigious AlSCO Uniforms brand. Read more about this exciting development on page 21.

We always love to share happy news here at Best Practice and Vision Engineering is celebrating the 30th anniversary of its best-selling and award-winning Mantis range of ergonomic optical stereo microscopes. Read more on page 19.

Finally, huge congratulations to the Schmersal Group for winning the "Best Managed Companies Award 2023 for the second consecutive year. Read more about this fantastic achievement on page 10.

Have some news to share?
Email: liz@bestpracticeuk.co.uk

Schmersal

After the winner of the "Best Managed Companies Award 2023" last year, the Schmersal Group has been awarded the "Best Managed Companies Award 2023" for the second time.



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Download our iOS app here





Award-Winning Vehicle Compliance System

CheckedSafe is the UK's leading compliance and fleet management system for transport providers and fleet operators of all service sectors, including commercial, public and private transport, emergency services and plant-hire vehicles.

The multi-award-winning SaaS platform has revolutionised the way organisations handle their vehicle compliance, providing a unique, end-to-end solution for fleets of all sizes. With an easy-to-use app and an advanced CMS portal, fleet management has never been easier.

The portal allows fleet operators to view comprehensive maintenance reports, easily retrieve operational insights and access a convenient hub for managing vehicles right at their fingertips.

Meanwhile, fleet drivers can conduct GPS-



tracked vehicle inspections and report results from their smartphone back to head office in minutes - a significant time - saver that reduces the burden of paperwork.

Users can rely on CheckedSafe to stay ahead of the game when it comes to industry regulations and compliance, as they are consistently innovating and developing new solutions. Just last year, CheckedSafe launched a comprehensive remote driver's licence checking system. This cost-effective and user-friendly solution simplifies the vital process of DVSA-recommended regular licence checks. This makes it an ideal choice for businesses with dispersed workforces.

Similarly, the company will soon launch a

brand-new GB Domestic Hours app. This feature is designed to keep fleet operations within the legal boundaries of the Domestic Drivers Hours Legislation and the Working Time Directive. This ensures that drivers adhere to legislative requirements governing the hours they can operate and the necessary breaks, thereby reducing the risk of penalties and enhancing road safety.

Co-founder and Director, Gary Hawthorne comments, "Ultimately, what we're doing is making the roads safer places to be. Whether that's by changing driver behaviour or ensuring fleet operators are compliant with legislation. We exist to make life safer and simpler."

"Our software is used by thousands of vehicles throughout the UK, and we've absolutely no intention of things slowing down. However, it doesn't escape us that in order to stay at the forefront of fleet management technology, it's important that we're continually improving and innovating. This makes sure our clients are equipped with the best suite of tools to manage their fleets effectively."

Rely on CheckedSafe to ensure your compliance and fleet management is always on track.

Find out more at www.checkedsafe.com



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UNISIG

UNISIG TAKES YOUR DEEP HOLE DRILLING PRODUCTION FURTHER

Gundrilling and BTA deep hole drilling for highly productive shops.

Whether your shop needs on-center or off-center holes, specialized job shop work or fully automated production, UNISIG has a deep hole drilling solution with the accuracy and performance you need.

Take your shop's production further - learn more at UNISIG.COM.



Stuttgart Germany 10.-14.09.2024 - UNISIG Hall 9C11

UNISIG machines, engineered and manufactured in the USA

UNISIG

DEEP HOLE DRILLING SYSTEMS



Gundrilling Cell with Flexible Automation

UNISIG DEEP HOLE DRILLING SYSTEMS

The UNISIG 4-Spindle Gundrilling Cell with flexible automation simplifies rapid parts gundrilling. This system employs two UNISIG UNE20-2-1000-CR dual-spindle gundrilling machines, enabling 4x drilling of one part or 2x drilling of two different parts quickly and efficiently. These machines can drill up to 20mm diameter holes to a maximum depth of 1,000mm, while counter-rotating the workpiece for maximized hole concentricity.

In this cell, a 6-axis robot picks two parts at once to load or unload, utilizing dual parts staging stations to maximize spindle uptime. Laser verification technology assists the robot's use of dual sets of pallets. UNISIG's Automated Cell Controller (ACC) centralizes the controls for both machines, and a moveable inspection station allows for on-call part inspection. Variations of this manufacturing cell can be configured as needed.

The versatile UNE standard gundrilling machines balance high-performance



components with a lower overall investment, making it easy for machine shops to bring their deep hole drilling operations in-house. Machine models have maximum drilling diameters ranging from 12 to 40mm and depths up to 3 meters, with the horsepower and coolant

control to efficiently run indexable, brazed or solid carbide gundrills.

Twin spindle UNE machines can be configured as independent spindles, allowing two drilling operations to be run on a single machine. Available counter-rotation of cylindrical workpieces minimizes hole drift and ensures drilling accuracy. Engineered for automation, these precision deep hole drilling machines bring next-level productivity to any shop floor. UNISIG UNE manufacturing cells with flexible automation combine precision, repeatability, and reliability for an unbeatable machining resource.

UNISIG applies decades of engineering expertise to create deep hole drilling solutions specific to its customers' requirements. Browse www.unisig.com to learn more about the realm of possibilities.

Link: <https://unisig.com/news-and-events/technical-articles/gundrilling-cell-with-flexible-automation>

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





Bona: Enhancing the beauty of floors since 1919

Bona®

Welcome to Bona – your go-to expert in floor care. Possessing over a century's worth of knowledge and innovation, we proudly stand at the forefront of the hardwood flooring sector, enhancing the beauty of floors since 1919. Our dedication to sustainable practices, groundbreaking solutions, and unparalleled excellence has solidified our reputation amongst both homeowners and professionals worldwide. With a comprehensive global footprint, Bona offers an extensive range of products and systems for the installation, restoration, and maintenance of flooring. Our commitment is to provide solutions that maintain the beauty and functionality of floors, throughout their lifetime.

For over a century, Bona has been a household name in floor care, and we are eager to continue on this path to a brighter future. Driven by our passion for flooring and a commitment to high standards, we aim to supply only the finest solutions for preserving and augmenting the beauty and resilience of various floor types.

Since its establishment in 1919 by Wilhelm Edner – a small grocery store owner in Malmö, Sweden where he discovered his affinity for coffee and sold bonvax, a product that polished and protected wood floors – Bona has been at the pinnacle of the hardwood floor industry. Today, backed by more than a century of innovation and expertise, Bona is a leading figure in floor care, committed to showcasing the natural beauty of your floors. Our Swedish heritage and history have sculpted our company's identity, fueling our drive towards sustainable business practices and ensuring that every facet of our operations considers the impact on our planet's precious resources. Our trailblazing spirit has led to significant



industry advancements, notably our early move to eliminate toxic chemicals from our finishes and our pioneering of dust containment systems to protect the air quality during floor sanding processes. Bona's high-quality products meet rigorous standards set by national and international environmental bodies.



Being the provider of choice for the world's most trafficked and prestigious buildings, Bona's solutions cater to floors that endure significant daily stress, ensuring sustainability and performance meet the highest standards. By offering the industry's most durable finishes and a complete system of eco-friendly products for floor care and maintenance, alongside a unique global network of Bona Certified Craftsmen, we enable our customers to achieve optimal results for their floors, earning the recommendation of professionals since 1919.

As we move forward into the next century, our values as a family-owned company remain unchanged; we are wholly focused on innovation, not only in hardwood but in all superior flooring materials including stone,



tile, laminate, resilient, and parquet. Our team is dedicated to identifying trends and delivering the best possible flooring solutions. Opting for Bona means choosing safe state-of-the-art products that achieve exceptional outcomes while enhancing the beauty of your flooring.

Reflecting on our rich heritage and accomplishments, we pay tribute to the heart of Bona – our team. With over 600 staff members and a presence in around 90 countries through direct subsidiaries and distributors, our success is built on the tireless effort, dedication, and commitment of our personnel to embody and uphold our company's core values every day. Their unwavering passion, commitment to excellence, and curiosity for innovation continue to drive our success.

Our commitment to sustainability and innovation has consistently been

recognised, earning Bona numerous accolades and certifications for our environmentally-friendly practices and superior-quality products, including the Nordic Swan Ecolabel, Greenguard Gold Certification, and the European Business Award for the Environment.

Facts and Figures

Bona employs over 600 people worldwide, operates five manufacturing facilities globally, and has a presence in 90 countries through 17 international subsidiaries and distributors. The company is headquartered in Malmö, Sweden, with additional subsidiaries in various countries including Austria, Belgium, Brazil, China, Czech Republic/Hungary/Slovakia, France, Germany, Poland, Romania, Singapore, Spain/Portugal, The Netherlands, the United Kingdom, and the US.

<https://www.bona.com/en-gb>





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.

Anua Clean Air International also specialise in Equipment Health Checks and process optimisation and media replacement services. Over the past number of we have continued to perform System Health Checks and media replacement services on the many hundreds of Worldwide Monashell Installations.

www.anuacleanair.co.uk



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Leading the Charge

Cambion Electronics sets its sights on a fully sustainable future for the electronics industry.



In this issue of Best Practice, BP Recommends Cambion Electronics Ltd.

Cambion is exploring innovative ways to reduce the environmental impact of its products and processes, with an aggressive net zero plan. The ultimate ambition is eliminating its carbon footprint without offsetting through self-sufficiency with its energy requirements. Cambion, in conjunction with the corporate directives, is committed towards integrating sustainability into its core business and value chain and is currently conducting a GAP analysis against proposed ISO45001 accreditation in 2025.

Cambion Electronics Limited is part of a circa £3 billion conglomerate based in Singapore, with a sole manufacturing facility in the idyllic Peak District, namely Castleton, the Jewel of the Peaks. Cambion's commitment to sustainability best practice, innovation, quality, and customer service has earned it a reputation as a leading designer and manufacturer of high performance electro-mechanical/electronic components, inductive assemblies, and interconnect solutions.

Cambion is particularly recognised for its outstanding contributions and performance within the electronics sector, being extremely active in the Military, Aerospace, Civil Aircraft, Oil & Gas, Medical, and Industrial Markets. And is particularly well known for being strong in Gas Detection.

Boasting a Worldwide Distribution Network,

Cambion is autonomous in its manufacturing capabilities with stamping, machining, moulding, semi/automated assembly supported by an equipped toolroom at its 4,000 square metre facility.

Cambion offers primary advantageous innovations to customers globally, with a laser focus on continual investment in the latest machinery and systems. This enables the company to substantially enhance manufacturing and assembly capabilities to cover a broad and comprehensive range of disciplines and technologies.

With full EN9100:2018 and ISO9001:2015 accreditations, Cambion is a trusted partner to numerous worldwide 'Blue Chip' customers and distributors across an array of markets and sub-markets.

Since its inception, Cambion has played a pivotal role in advancing gas detection technologies and supporting device manufacturers with its comprehensive range of sockets and pins. These products have become the industry standard, trusted by organisations worldwide.



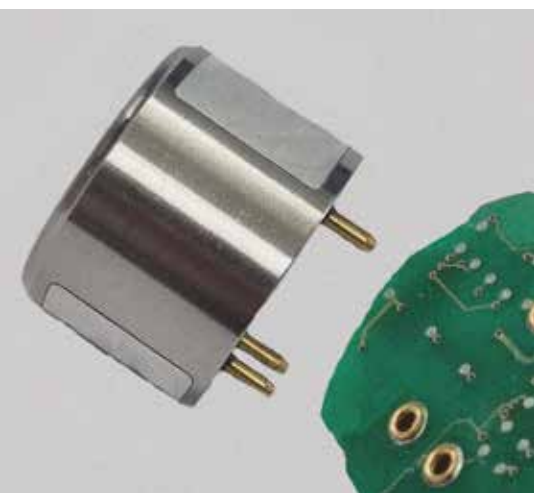
The Cambion range has expanded over the years to support OEMs in detecting flammable, toxic and asphyxiant risks across an array of harsh and dangerous environments, from Socket and Connector Pins for Gas Detection to Spring Loaded Interconnection, Non-Magnetic Products (Medical), Relay Bases (Civil Aircraft), and Obsolescence support.

In line with Cambion's product development strategy, the non-magnetic range has gone through extensive research and development. By careful control of raw material and plating selection, and by using the latest magnetoscope for testing, magnetic permeability is tightly monitored to ensure complete customer satisfaction. This range perfectly complements Cambion's existing portfolio of industry favourites by retaining all the beneficial characteristics of the standard equivalents.

Cambion is committed to ongoing product development and is continuously investing in the latest machinery and assembly capabilities to cover a broad and comprehensive range of disciplines and technologies.

New Contact Technologies have been recently developed to the existing ranges including a 'Louvred' contact system for high current applications. The range also features new and improved Spring Loaded Dual-in-Line Connectors and Polygon Press-Fit Pins.

For more information, please see below:
T 01433 621555
sales@cambion.com
www.cambion.com





Schmersal plans to use recycled material in safety switches

First comparison tests by the Ludenschied Plastic Institute with positive results.

The Schmersal Group plans to use recycled material in the manufacture of safety switchgear with plastic housing in the future. "Our goal is to use 20 percent regranelate for switches produced using the injection moulding process," says Matthias Banaszek, Head of Value Management/Innovation Manager at Schmersal. Initial independent

analyses now show that Schmersal is on the right track to achieve this goal. The project is part of Schmersal's sustainability strategy with the aim of reducing the carbon footprint.



SCHMERSAL
THE DNA OF SAFETY



In order to ensure that the recycled material used has no influence on the quality of the safety functions, Schmersal has commissioned comparative tests at the Kunststoff-Institut Lüdenschied. Switches made of pure new material compared to switches consisting of 80 percent of new material and 20 percent regranelates were examined. Three different plastic materials were tested: Ultramid, Hostaform and Frianyl. The results of the Lüdenschied Plastics Institute are now available: Regranulates made of Ultramid and Hostaform could be used immediately, while Frianyl requires further product-related tests.

The Plastics Institute Lüdenschied examined a number of parameters with standard-compliant test methods as part of the comparative tests, such as the Charpy impact test according to DIN EN ISO 179-1, which is

used to determine the ductility (or toughness) of a plastic. Or the density measurement according to DIN EN ISO 1183-1 as well as the passage resistance test according to IEC 60093 to describe the electrical insulation behaviour. Here it was important to prove that switches made of mixed material can withstand environmental influences just as well as those made from purely new material. This was proven for two materials.

The next step is the certification of the safety desks by the TÜV. Then the way for series production of the switches with regranelate content is clear. Schmersal would be the first manufacturer to use recycled account in safety switches.

www.schmersal.com/en/home

Schmersal is once again awarded as "Best Managed Company"

"Palement convinces with the powerful mix of productivity, innovative spirit and vale oriented leadership."

After the winner of the "Best Managed Companies Award 2023" last year, the Schmersal Group has been awarded the "Best Managed Companies Award 2023" for the second time. The award is presented by the consulting and examination company Deloitte Private, the Frankfurter Allgemeine Zeitung and the BDI (Federal Association of German Industry). The award is awarded to excellently managed medium-sized companies that impress in four management areas: strategy, productivity and innovation, culture and commitment, as well as finance and governance.

Managing Director Philip Schmersal: "We are very pleased that we have been awarded for the second time in a row – the entire management team. We are also participating in this competition to obtain an assessment of our processes through a professional outdoor view. If the result is such an award, this confirms this in our work – and all the more so because we really plan and develop our management processes with great care. This applies both to the everyday control of the workflow and to the development and continuous adaptation of the strategic orientation."

factors that were convincing from the jury's perspective: "The Schmersal Group is an excellent example of a best managed company, which convinces with the powerful mix of foresight, productivity, innovative spirit and strong, value-oriented leadership. In addition, the company has the remarkable ability to reconcile attractive work and economic growth. It is an example of how companies in their region can make a big difference," emphasises Dr. Christine Wolter, Partner and Lead of Deloitte Private.

Sustainability and long-term thinking (again typical of a third-generation family business) are important for Schmersal as well as for the jury, as Markus Seiz, Director at Deloitte Private and Head of the Best Managed Companies Program, emphasises: "Schmersal and the other award-winning companies are a strong foundation for our economy. They are 'makers', innovation leaders and rely on sustainable corporate management. These companies look far into the future and not only think from quarter to quarter. This is exactly what they have earned their award as a Best Managed Company."

The Schmersal Group pursues a clear concept: "We proceed systematically in all management decisions, include many factors and take account of external expertise, for example, with our advisory board," says Philip Schmersal. "We also reflect every decision on our company values. At the same time, however, we have always paid attention to the highest level of agility – and this is certainly typical of a medium-sized family business. This offers great advantages, especially in these very volatile times: We can quickly make informed decisions and implement them quickly."

www.schmersal.com/en/home

Corporate governance is also one of the





Advanced Metalworking Solutions & Machinery

Senior Machinery Ltd is a prominent supplier of industrial machinery, specialising in both new and used equipment. With over 20 years of experience, it has built a reputation for its extensive inventory and industry expertise.

The company offers a wide diversity of machinery from plate and section bending rolls to guillotine shears, press brakes, saws, CNC lasers and punches, steelworkers, lathes, millers, and grinders. This extensive collection ensures they can meet the needs of various industries for both large and small companies whilst maintaining the highest quality standards.

Senior Machinery Ltd trade from its 7,500 sq/ft showroom in Chesterfield in North East Derbyshire with fantastic facilities that include a 20-tonne overhead crane and a 3500kg forklift truck. The company has built a solid reputation for delivering high-quality products and services to its clients who work in all environments from small workshops to large industrial plants.

Matt Senior, Managing Director of Senior Machinery Ltd, brings over 25 years of experience in machinery sales and trading to the table. His extensive expertise in metalworking equipment is

complemented by a robust network of industry contacts and suppliers. Under Matt's leadership, Senior Machinery Ltd is supported by a seasoned team dedicated to a customer-centric approach, ensuring that clients receive personalised solutions to optimise their production capabilities. This commitment to excellence underscores their mission to help customers find the ideal machinery for their needs.

From single machines to complete plant outfitting's, Senior Machinery Ltd is committed providing tailored solutions that ensure excellent value for its customers' investments. Whether you are looking for new, used, or refurbished machinery, Senior Machinery Ltd follow the latest trends and innovations in the metalworking sector to ensure they are offering the newest and most up-to-date advice and products.

Senior Machinery Ltd stock cutting-edge machines and equipment like the MORGAN RUSHWORTH APHS, a robust and versatile hydraulic press brake designed for precision bending and forming of metal sheets. Newly listed, this machine was manufactured by Morgan Rushworth in 2012 and boasts advanced CNC control systems and a powerful hydraulic system that delivers consistent force across the

bending length. This system is ideal for smooth and efficient bending, capable of handling various thicknesses and types of metal. This machine is an excellent choice for any metal fabrication shops seeking reliable and precise bending solutions. Another recently stocked machine is the ACCURL SMART CUBE Compact Fibre Laser, a high-performance laser cutting machine designed for precision and efficiency in metal fabrication. True to its name, the SMART CUBE has a compact footprint, making it ideal for workshops with limited space and delivers a high cutting performance and precision. This machine is eco-friendly and cost-efficient boasting a unique design that minimises power consumption while maximising output, contributing to lower operational costs. Suitable for a wide range of applications, including automotive, aerospace, electronics, and general metal fabrication, it's ideal for and industry that requires precise and efficient metal cutting solutions.

For more information on buying or selling machinery, see below:

T 07971 871254

matt@seniormachinery.co.uk

<https://seniormachinery.co.uk>

SENIOR MACHINERY

STOCKIST OF NEW AND USED MACHINERY

Senior Machinery Ltd specialise in the buying and selling of all types of machinery- from single items to complete plants. With over 20 years experience buying and selling new & used machinery, we aim to satisfy all our customers needs by providing excellent value for money for all our services.

We are interested in individual items to complete facilities. We also can offer various valuation services to our clients.

We are flexible in our approach and can offer various options to suit our clients such as:

- Outright Purchase
- Commission Sales

So why not turn your redundant equipment into cash - NOW!
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GOLD & WASSALL
QUALITY HINGES FOR OVER 200 YEARS

MAKING HINGES SINCE 1790

100% UK MANUFACTURED

Gold & Wassall are the UK's No.1 manufacturer of hinges. We provide a fully comprehensive manufacturing service, which enables us to offer any hinge, for any application.

All our hinges are manufactured at our premises in Tamworth, UK.

We have a huge stock range, all of which are available for immediate dispatch.

As well as our huge stock range, Gold & Wassall also offer a number of bespoke solutions which can be tailored to any application. Our ability to produce bespoke hinges is a cornerstone of our operation, we have manufactured over 250,000 unique hinges and counting. From the smallest delicate designs to the largest complex components, we have tackled endless challenging projects.



Continuous Hinges

Butt/Backflap Hinges

Lift-Off Hinges

Heavy Duty Hinges

Special Purpose Hinges

Please check our new website:

www.goldwassallhinges.co.uk

Email sales@goldwassallhinges.co.uk | Telephone **01827 63391**



Gold & Wassall Hinges launches brand new website



Gold & Wassall Hinges has established itself at the forefront of the industry since its inception over 200 years ago. With its manufacturing facilities situated in Tamworth in Staffordshire, Gold & Wassall provides an impressive range of services for design, production and manufacture of hinges, all produced in house and distributed throughout the whole of the UK. Boasting an enviable reputation within the industry, the company has positioned itself firmly as the UK's number one manufacturer of hinges.

Gold & Wassall has provided its services to various customers throughout its years in operation and serviced customers from construction to engineering companies. With a proven track record of quality, reliability and durability, Gold & Wassall ensures it maintains complete control over the design and high quality of its goods.

We asked Scott Bareham Sales and Marketing Manager at Gold & Wassall what makes the company stand out and how would he describe its services.

"All our hinges are manufactured in house, in our purpose-built facility in Tamworth, Staffordshire. We have been manufacturing hinges for over 200 years using a mixture of tried and trusted methods along with modern technology. Our offer of a bespoke hinge service enables us to manufacture any hinge for any application, and as we have over 200 years' experience, we are greatly knowledgeable in what we do. Our

services portray the highest quality ensuring each product goes through a rigorous testing procedure and receives the upmost attention to detail. We pride ourselves on our customer service and treat every customer fairly and with respect."

In keeping with the company's goal of providing unrivalled customer service, Gold & Wassall also provides an abundance of finishing options for its customers. The company is dedicated to providing not only durable, high-quality hinges, but also to understanding the importance of an aesthetically pleasing, customised design. In light of this, the company is able to customise colour, add branding and create a smooth premium finish to all products. Gold & Wassall Hinges' array of finishing options are the perfect complement for its hinges to create a smooth premium finished look.

Going into 2024, Gold & Wassall is proud to announce the launch of its brand-new website.

"The new website has been a long-term project. Initially, the website needed updating for technological and security reasons, however we thought it would be a good idea to give everything a freshen up. As well as detailing all of the usual information, we have also now made it possible to download CAD drawings and 3D models of each hinge. Furthermore, we have introduced our new "Hinge Finder" which allows the user to narrow down suitable hinges based on their required dimensions.

This will help customers utilise our full range of hinges, showing hinges that they might not have found or considered previously," added Scott.

On the website you will find their complete range of hinges from continuous/piano hinges, butt and backflap hinges and standard, to heavy duty and bespoke made to order hinges. Using the company's automatic section which contains eight lines of automated machines, Gold & Wassall is able to make hinges quicker and to almost any length. The company also maintains the specialist tooling for these machines which can complete multiple operations in each press.

Please note: Gold & Wassall is the only hinge company whose hinges are UK made and all of Gold & Wassall Hinges' stock is available for immediate dispatch.

As a new year begins, we asked Scott what in store for the company in 2024 and beyond.

"In 2024 we hope to continue to strengthen following the pandemic and period of economic uncertainty. We are also looking to expand on our growing relationships with overseas customers as well as further grow our UK customer base."

For more information, see below.
T 01827 63391
sales@goldwassalhinges.co.uk
www.goldwassalhinges.co.uk



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BITO multi-tier shelving

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Westley Lansdowne Safety Consultancy is our BP recommends this month

Fatal injuries are a relatively rare occurrence and yet according to RIDDOR, a staggering 135 workers were killed in work-related accidents during 2022-2023 across Great Britain. These were caused by falling from height, being struck by a moving object or moving vehicle across construction, agriculture, forestry and fishing.



to provide expert H&S advice to SME's. With targeted expertise in complex safety in applications such as defence, aerospace and transport, Tom has brought his knowledge to the forefront and provides robust support within occupational safety.

Products, processes and premises

Clients of Westley Lansdowne can receive support with any of the three P's, with Tom offering particular guidance for nuclear, rail, aerospace and instrumented safety system standards.



"We offer triangulated support across safety engineering, Expert Witness and H&S and we're looking to develop other more self-contained safety management system products

for lower risk businesses in the future. The main aim for the next year is to launch our Expert Witness service offering and diversify our general consultancy client base. We've recently moved to a new office space and are looking forward to engaging further with new and existing clients," explains Tom.

Spotlight on Westley Lansdowne

With expert, bespoke consultancy, clients can

receive support from the following three areas:

- ▲ **Safety Engineering:** helps companies meet legal/industrial standards including risk assessments and compliance audits.
- ▲ **Expert Witness:** written/verbal bespoke advice in civil legal cases for internal accidents and more.
- ▲ **Health & Safety:** Written risk assessments on COSSH, fire safety and safety planning.

To find out more today about safety consultancy, contact Tom on the details below:

T 07476245559

<https://www.westleylansdowne.co.uk>



The Health and Safety Executive (HSE) is the national regulator for workplace health & safety and repeatedly stresses the importance of H&S training for the following reasons:

- ▲ Developing a positive H&S culture, where best practices are integral in all workplaces
- ▲ To prevent injury or illness

This applies to all businesses, including small and medium-sized companies and ranges from cascading H&S policies, identifying workplace hazards, to appointing workplace first aiders.

Addressing H&S advice

Westley Lansdowne Safety Consultancy is a Leicestershire-based company headed by director Thomas Sproston, with a mission



Westley Lansdowne
Safety Consultancy



We provide expert consultancy in safety management to help duty holders in businesses of all types and sizes meet their safety obligations in the most effective way possible

OUR SERVICES

-  **Safety Engineering**
Serving highly regulated industries and applications
-  **Expert Witness**
Providing expert advice on safety management matters to legal professionals working on civil claims
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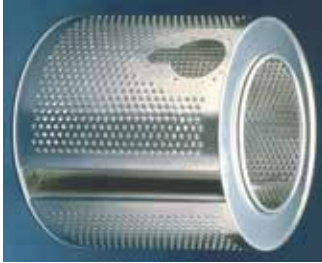


RMIG: We make ideas come to life

As the largest perforating company in the world, RMIG has over a century's experience in the perforation industry. This impressive size and experience means RMIG has a local presence in a range of markets, providing accessible contacts for customers no matter what their query.

RMIG is dedicated to being an innovative and reliable solution provider in the perforation industry, as well as being recognised as a benchmark for customer service and optimised logistics.

RMIG's perforated sheets can be used effectively within a number of areas, and RMIG has six dedicated market sectors covering Industrial Processing, Food Processing, Buildings and Interiors, Multimedia and Communication, Automotive, and Household Appliances.



One particular area of Industrial Processing is medical and pharmaceutical, where RMIG's perforated materials are able to give firm tolerances during their manufacture, and are well suited for use in sterile environments. RMIG's perforated products also have numerous uses in the petrochemical sector, from industry specific applications such as filtration, to oil and gas exploration, as well as more general applications such as walkways in processing plants.

Additionally, RMIG works with biomass drying applications. The demand for alternative sources of sustainable and renewable energy is always growing. RMIG's Bridge Slot sheets are the most effective way of drying woodchip to an optimum moisture content, ensuring boilers operate efficiently to benefit farming and agriculture.

The RMIG Bridge Slot sheets play an essential role when it comes to the design and manufacture of biomass drying floors. The combination of sheet thickness and opening size allows RMIG's sheets to be used either as a suspended floor in wood chip drying containers and trailers, or as drive-on drying floors in outdoor buildings. The bridge slot opening size determines the products that can be dried, which range from fine oilseed rape through to larger grains and cereals, as well as logs and wood chip drying.

In the production of perforated dishwasher filters, RMIG offers the complete service from



perforating and forming, including surface treatment, right up to final assembly complete with plastic rings and funnels. RMIG also has decades of experience in the manufacture of perforated sieves using highly developed technical methods and strict quality control systems to guarantee customers are receiving the best possible product.

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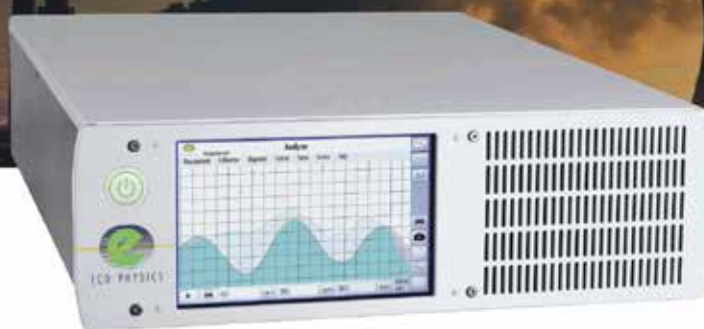
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AL, AL², EL S, EL, EL²



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Measurement of:
NO · NO₂ · NO_x

The one- and two-channel chemiluminescence based NOX analyzers of the nCLD "Facelift" box-solution analyzers detect NO, NO₂ and NO_x at concentrations ranging from 5 ppm to 5000 ppm with minimal detection limits averaging from 0.4 ppb to 0.5 ppm. They hereby focus on two main application areas, Ambient Air (AL, <50ppm) and Emission/Process (EL, <500ppm; EL S <5'000ppm) monitoring. The one-channel nCLD AL, EL and EL S feature an external pump, while the two-channel nCLD AL² and EL² include an internal pump. The nCLD "Facelift" boxed solutions consist of five, fixed and preconfigured analyzers. The nCLD AL (Ambient Level) and EL S/EL include a standard NO/NO_x measurement, with an optional NO₂ add-on, while AL² and EL² include, due to the two-channel set-up, a standard NO₂ detection. Additionally, all nCLD-models are capable of a remote power down/up including a failsafe feature. nCLD AL² and EL² are TÜV approved, qualified according to ISO EN 14211 and 15267 1-3.



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Minimum Effort, Maximum Safety

Wieland Electric presents the latest generation of highly efficient safety light grids and safety light curtains

The importance of occupational safety grows in modern industrial and logistical environments as machines and systems become more complicated. Against this backdrop, Wieland Electric introduces its next generation of safety light curtains and safety light grids, which complement the existing array of optoelectronic protection devices and are distinguished by a high level of safety, flexibility, and use.

The new SLG4 series safety light grids were designed for applications requiring dependable access protection over wide areas on machines or in production sites. While withstanding temperatures as high as 70°C, the light grids may be put into action swiftly thanks to their simple software configuration and plug-and-play installation. Clearly visible LEDs also enable immediate on-site diagnostics, reducing downtimes. Furthermore, the durable aluminium housing and protection rating IP65/67 in accordance with EN 60529 ensure that the optoelectronic protective devices perform reliably even in adverse environmental situations.

The SLC4 series safety light curtains are perfect for protecting fingers and hands in the machine's danger zone. When the machine is used frequently, they cut access times compared to physical guards, increasing production. Advanced functionalities like muting ensure safe material flow and contribute to cost-effective material supply



wieland

and removal. Cascading two devices enables vertical access and horizontal presence monitoring in a single system. The SLC4 safety light curtains, like the SLG4 safety light grids, have a simple software-free configuration and the ability to do quick on-site diagnostics. This improves productivity and safety in industrial applications.

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Vision Engineering Celebrates 30 Years of Mantis Stereo Microscope

Vision Engineering, the world-leading provider of innovative inspection, metrology, and digital 3D visualisation solutions, is celebrating the 30th anniversary of its best-selling and award-winning Mantis range of ergonomic optical stereo microscopes.

In 1994, Vision Engineering revolutionised the field of microscopy by introducing the first-ever 'eyepiece-less' stereo microscope, Mantis. This innovative instrument was meticulously crafted to bridge the gap between a bench magnifier and a traditional microscope, offering users an unparalleled ergonomic experience.

Its pioneering design not only earned Mantis widespread acclaim but also secured numerous industry-recognised design and innovation awards. As a result, Mantis quickly established itself as the industry standard for high-performance ergonomic stereo magnification, redefining precision

and user comfort in industrial microscopy applications within the electronics, medical device, aerospace and automotive industries.

In 2005, Vision Engineering unveiled the second generation of Mantis. Soon after its introduction, Mantis manufacturing moved from Woking to a new manufacturing facility in Connecticut, USA. This iteration featured notable enhancements, such as a sleek and modern design, improved LED lighting, an expanded field of view, increased magnification capabilities of up to 20x, and stand and accessory options. In 2009, Vision Engineering expanded the Mantis range by introducing the Mantis Elite HD Cam with a built-in camera for image capture.

The third generation Mantis was introduced in June 2023. The newest edition includes improved optics for both hand-to-

eye coordination and excellent depth perception, a 3-position turret to house up to 3 objectives ranging from 3x to 15x, an 8x super long working distance lens, and five different illumination options providing flexibility to optimise the lighting to view the perfect image. The Mantis PIXO offers an improved, higher-resolution image and 'designed-in' integrated video camera. The system also features an option to switch between white and UV light.

Mantis is designed for precision engineering, electronic engineering, medical device manufacture, and a wide range of other applications that require high-quality images and superior ergonomics and is used in tens of thousands of R&D, manufacturing, and analytical sites worldwide.

Please visit <https://www.visioneng.com/mantis>



RMIG Solutions

we make ideas come to life



RMIG is the world's largest manufacturer and supplier of perforated metal and its related products.

We know our customers' requirements for price and quality and meet their demands with uncompromising service.

Not only do we offer standard and bespoke perforated metal sheets, we are able to offer you a range of secondary operations as detailed below.

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For some applications a high degree of flatness is required, we have processes in place to ensure our perforated coils and sheets meet with your most demanding requirements.

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Your future in the Nuclear Industry

Postgraduate training that is personalised, flexible and taught by experts – that is what’s on offer from the Nuclear Technology Education Consortium, whose unique course aims to create the UK’s next generation of nuclear experts, with the skills to secure a sustainable and safe nuclear industry.

Seven educational organisations in the UK who work together as NTEC to support the UK nuclear energy programme. Established in 2005 after consultation with the nuclear industry, NTEC provides a wide choice of Master’s level course units for students with a science or engineering background, or relevant work experience, that are looking to enter the nuclear industry. The units are delivered in a short-course format of one-week duration that are suitable for full-time or part-time study. As well as the full Master’s option, students can also study for a PG Diploma (eight units) or PG Certificate (four units) or take individual modules for continuing professional development.

The units cover a broad range of topics including nuclear policy and regulation, decommissioning, environmental remediation, radiological protection and reactor physics and are therefore suitable for students with a wide range of backgrounds and career aspirations. We engage with our Industry partners to establish which new skills/units are required and we are looking at introducing three new units to the portfolio for 2024-25; Control & Instrumentation and Functional Safety; Tritium and the Fusion Fuel Cycle; Primary Circuit Materials and Manufacturing.



With the consortium approach, students have access to a wide range of academic

and industry experts that provide challenging vocational modules but also support the students through their studies, in preparation for a career in the nuclear industry. Students are helped with the transition from university to industry by completing an industry-based project as the final part of their degree.



Contact www.ntec.ac.uk

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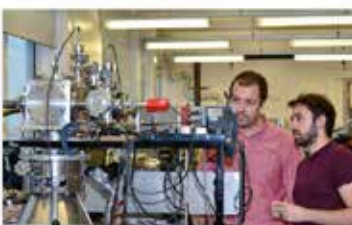
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CLEAN Unveils State-of-the-Art Workwear Uniforms Processing Facility

CLEAN

LINEN & WORKWEAR

CLEAN, part of the AlSCO family of companies and a leading provider in the laundry services industry, proudly announces the grand reopening of its revamped Banbury laundry facility. This reopening is the result of a significant investment. Once solely dedicated to hotel linen processing, this facility has undergone a remarkable transformation. Following a substantial £1.9 million investment in the 24,000 sq ft facility, it has evolved into a state-of-the-art workwear, PPE, and floor protection mat processing laundry under the prestigious AlSCO Uniforms brand. This strategic shift is a direct response to the escalating demand for impeccably clean and safe workwear rental services in Oxfordshire, Buckinghamshire, Bedfordshire, Warwickshire, Coventry, Birmingham, and the West Midlands, the company is confident that this investment will ensure the highest quality of services for businesses in the region.

The site was officially reopened in an official ceremony by AlSCO Uniforms, President Bob Steiner on 11th June 2024, Bob said "At AlSCO, we're investors for the long term. Our company has been around for about 135 years, always owned by the same family. Today, we're proud to announce the opening of our new workwear laundry plant. This plant is not just a physical structure, but a testament to our commitment

to providing value to our customers and their businesses. The uniforms and PPE workwear we produce here will significantly enhance the safety of their employees and improve their image. We value our customers and their loyalty, and we're committed to taking good care of them, ensuring they stay with us."

The newly equipped facility in Banbury is a testament to the company's commitment to supporting the region's high-tech manufacturing and engineering sectors.



With its large-scale PPE workwear processing capabilities, the laundry is fully prepared to process a wide variety of 40,000 workwear items each week. This includes an impressive mix of PPE garments, floor protection mats, and roller towels, demonstrating CLEAN's readiness to meet the high demand in the region. In the past year, the company has been actively recruiting and has hired over 25 people at the site. As the company ramps up to full capacity and secures new customer contracts, additional hiring for roles in production, engineering, delivery and logistics, and customer support is expected.

"Our team at Banbury is excited about this new chapter," said Kevin Godley, CEO of CLEAN. "The transformation of our Banbury facility into a PPE workwear processing plant allows



us to serve the local and regional business community. As businesses and industries prioritise employee protection and safety, we are ready to provide reliable, efficient, and hygienic laundry services to meet these critical needs."

The upgraded facility features state-of-the-art technology and adheres to rigorous health and safety protocols. This ensures that all PPE workwear processed meets the highest standards required for protecting workers in various sectors, including automotive, engineering, aggregates, the railways and transport, and the wider manufacturing industry.

CLEAN's continued investment and expansion into PPE workwear processing is a significant step in its ongoing efforts to adapt and innovate in response to market demands. By offering comprehensive laundry solutions across the region, the company aims to further solidify its position as a trusted partner in the region's industrial and commercial landscape, providing its customers with the confidence and security they need when it comes to the supply of clean uniforms for their employees.

For more information about CLEAN's workwear rental and floor protection mat services or to arrange a consultation, please visit www.cleanservices.co.uk/workwear or contact 0333 016 9801.



Immediate benefits to efficient, safe primary containment of hazardous substances, including with pressure systems



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Largest Benco side-mounting turnover engine stand supplied to Voith Turbo



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Largest-ever side-mounting turnover stand. Supplied to the Croydon facility of leading power transmission specialist Voith Turbo, the Benco 1050 (an upgrade to Brixworth's standard Benco 1000 engine stand) is helping this progressive plant to inspect and service a variety of engines and transmissions.

With a load capacity of 5000 kg (at 500 mm from the mounting spindle) and a turning capacity of 10,000 Nm, the Benco 1050 supplied to Voith Turbo facilitates the manipulation of complete engines for inspection, repair or modification. Moreover, it is a mobile version featuring a motor drive to deliver rotational speed up to 4 rpm, although customers can opt for floor mounting and manual operation if preferable.

Control of the Benco 1050 at Voith Turbo is via a fixed pushbutton station, with pendant control available as an option. As a further point of note, Brixworth designed and manufactured additional mounting arms to minimise deflection throughout the loading and rotation process.

Rugged, cost-effective Benco engine stands are ideal for undertaking a whole host of new-build, repair and refurbishment operations quickly and easily. With these popular engine stands, users can rotate or horizontally and vertically manipulate engines with ease to

minimise the dangers of personal injuries associated with the manual handling of heavy loads. An adjustable column facilitates working at a convenient height while maintaining access to all aspects of the operation.

Although a comprehensive range of standard models is available, Brixworth has considerable experience in the design and manufacture of bespoke engine stands to suit individual customer requirements. The company can undertake site surveys and provide engineers to evaluate any special demands, ensuring the supply of a safe, effective and cost-competitive solution.

Developed over many years, Benco engine stands today enjoy a worldwide reputation for simplicity and reliability in the rotational handling of heavy, out-of-balance loads with the added benefit of near backlash-free movement. The stands, more than 5000 of which have been produced for use in over 20 countries, can reduce man hours by up to 50% through the elimination of non-productive handling procedures. They fully comply with all current working practices and safety regulations, and come with an extensive guarantee for complete peace-of-mind.

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- SAVE ON MAINTENANCE COSTS AND OPERATIONAL DOWNTIME



www.oakwaystorage.co.uk

Oakway Storage, a leading provider of warehouse design solutions, is proud to announce the launch of its latest product: flexible warehouse protection.

This innovative solution prevents accidents and damage to people, racks, property and machinery. Above and beyond traditional steel-fabricated protection, the Oakway Storage solution returns to its original shape after impact, reducing shock and damage, whilst also increasing floor space through a cleverly designed minimal footprint.

According to the Health and Safety Executive (HSE), over 5,000 reported accidents involve workplace transport every year in the UK. This alarming statistic underscores the importance of implementing safety measures to prevent workplace accidents and injuries.

The new product features a flexible design that absorbs the impact of a forklift or other heavy equipment without causing damage to vehicles, floors or the



protection itself. This popular feature offers cost-effective protection over a longer period than traditional steel protection.

Oakway Storage offers a full range of warehouse fit-out solutions, including pallet racking, mezzanine floors, shelving systems and complete turnkey project management, with a reputation for delivering full warehouse fit-outs, fast.

For more information about Oakway Storage, including the flexible warehouse solutions, please visit the company's website at: <https://oakwaystorage.co.uk> or call: 01604 792255.

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