

Best Practice




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Bona: 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

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Editor's Notes

Liz Dickinson
Editor

Welcome to our bumper-packed June edition of Best Practice, where we bring you all the latest news from across the industry.

Established in 1870, Davies Turner is one of the oldest independent freight forwarding companies in the UK. With longevity comes innovation and Davies Turner is the only freight forwarder running a regular dedicated rail import service from mainland China into the UK. Not only is the service cheaper than air freight, it is considerably more sustainable. [Read page 3 for more details.](#)

CheckedSafe is the UK's leading vehicle compliance and fleet management solution provider and is excited to announce the new GB Domestic Hours tracking feature. The innovative new addition provides full compliance with the Working Time Directive, gets rid of tiresome paperwork, manages driver fatigue and mandatory rest periods and much more. [See pages 6-7 for a full review.](#)

From fleet management to the dairy industry, DMN-WESTINGHOUSE is a leading supplier of products and solutions: incorporating rotary valves and diverter valves to provide optimised precision engineering. This prevents bridging and contamination in the conveying processes, whilst reducing costly industry downtime. [Find out why these are the products of choice for the dairy sector on pages 14-15.](#)

Congratulations to Christeysn Food Hygiene – for the award of the prestigious EcoVadis Gold Medal for commitment to sustainability and responsible business practices. [Read more on page 13.](#)

Email your news to:
liz@bestpracticeuk.co.uk



On the Cover

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

See pages 10-11



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Davies Turner



Leading the way towards sustainable logistics

Davies Turner is a well-established freight forwarding and logistics company based in the United Kingdom. Founded in 1870, Davies Turner has a long history of providing transportation and logistics services, making it one of the oldest independent freight forwarding companies in the UK.

Davies Turner was one of the first economic operators in Europe and has evolved to become a leading global powerhouse in the freight forwarding industry.

Davies Turner, a family-owned enterprise, boasts a network of 23 branches across the UK, several of which are equipped with expansive warehouses. Located in Coleshill, its headquarters serves as the epicentre of its operations. Recently, the company unveiled a state-of-the-art multi-user fulfilment centre and logistics hub in Atherstone, Warwickshire. This cutting-edge facility spans across four levels, each housing 35,000 square feet of space, and boasts an impressive capacity of 20,000 pallet locations. Additionally, the Rotherham site in South Yorkshire stands as a testament to the company's regional presence, featuring offices staffed by experienced professionals under the adept leadership of Branch Manager, Andrew Ford.

"We specialise in the more awkward and out of gauge shipments that our competitors might not have the same experience with. Over the years, this has included vehicles and machinery of all shapes and sizes and even small rail engines. We can help with shipping anything out of the ordinary that may need a special licence and enjoy the challenge of shipping more unusual items!"

Davies Turner is the only freight forwarder running a regular dedicated rail import service from mainland China into the UK, which is a lifeline for many UK businesses. The express freight rail service departs weekly from Xian in Central China for groupage and full load



shipments. With concerns around the slower speed of ocean shipments and high cost of air freight, rail offers a cost-effective, reliable freight service. The LCL rail freight service takes just 19-23 days from terminal-to-terminal which is on average, 70% cheaper than air freight.

In alignment with the UK Government's ambitious 2050 Net Zero targets, businesses are urged to embrace transparency regarding their annual carbon emissions. Recognising the need for sustainable practices, Davies Turner is leading the charge towards a greener future. Leveraging the efficacy of rail transportation as a more environmentally-friendly alternative to air shipments, the company is committed to reducing its carbon footprint.

For instance, consider the stark contrast in emissions: A 40-ft container laden with 20 tons of cargo generates a mere 4% of the equivalent CO₂ emissions when transported by rail compared to air shipment. Embracing this ethos, Davies Turner has embarked on a transformative journey, forging a partnership with Pledge to meticulously track and report all company carbon emissions.

This strategic collaboration not only underscores Davies Turner's dedication to environmental stewardship but also empowers clients with a tangible means of quantifying and addressing carbon emissions across international supply chains. By embracing such initiatives, the company and its clientele are poised to make significant strides towards achieving Scope 3 emission targets and fostering a more sustainable future.

With the ongoing conflict in Ukraine, disrupted shipping market in the Red Sea and Panama Canal, and sporadic port strikes, many businesses have faced huge shipping delays over recent months.

"With many volatile hot spots around the world currently, we monitor situations closely on behalf of our customers. Having a regular Chinese rail service that navigates deftly round the Red Sea Shipping crisis, keeps supply chains running across the world. To reiterate this point, last December a customer asked to trial a rail shipment with us from Shanghai to the UK, alongside a pre-existing ocean shipment from the same route with a different company. The results were conclusive: the rail shipment took 18 days terminal-to-door, whereas the ocean shipment took 45 days and also ran over the estimated time schedule," said Andrew.

Davies Turner has built a strong reputation as a trusted partner for businesses seeking efficient and cost-effective logistics solutions in the UK and beyond. With a focus on sustainability, and its reliable and trusted customer service, it comes as no surprise that Davies Turner was named Number One Logistics Service Provider by Logistics Manager Publication in December 2023, in its annual list of the Top 50 UK logistics service providers. One of the key metrics for this decision was the 74.4% increase in turnover for the financial year, ending in 2022, with a record turnover of £350.6 million. Alongside the exclusive new opening of the £40 million state-of-the-art logistics hub in Atherstone, this is a very exciting time for Davies Turner.

For all Air, Sea, Rail and Road freight quotations and further information, please see the details below:
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www.daviesturner.com/specialist/rotherham-specialists



Customer value is not just about spend



Many companies prioritise their suppliers based on the value of their spend and why not, if your spend is high then any potential savings, even when quite small can quickly mount up. However, working with a manufacturer can often lead to potential savings through innovation or indirect savings by adding value to further improve productivity down the line that may not start with an obvious cost reduction.

Working more closely with our customer base in recent years has highlighted the mutually beneficial advantages delivered for both customer and supplier alike. Typically,



customers know what they want but welcome the experience of a manufacturer to make alternative suggestions that save assembly time or remove unnecessary items from the build that perhaps serve no purpose but remain only through legacy.

Consider the user experience

Costs are generally determined in the development stage but it is the manufacturing process and productivity that can fully impact the processing and outcome of true cost over time.

Value added Engineering is often best achieved at point of application, discussing with the engineer or design team on the production line in particular with assembly staff in real time any changes or improvements. After all these are the people who know what may speed things up or simplify installation but would as a minimum maintain the required function at the lowest possible cost. While it's not best to design by committee, we also know that not one person has the monopoly of good ideas, the user experience can be an invaluable addition to hidden cost reduction.

Value analysis constantly pursues materials with a lower cost and lighter weight: a design that requires less processing in the plant and a fewer number of pieces. It could be a shape that

is perhaps easier to manufacture and results in fewer defects. Quick release or part installation may increase purchase cost but save huge amounts of time in installation or service and repair. The full picture through the process has to be considered to determine the final result.

Driving value added

Adding value to customer requirements is good for all parties minimising the cost without lowering the quality or the function that is required of the part. This helps our customer to remain as competitive as possible, as close collaboration helps cement relationships and having a thorough understanding of an application helps support the customer more effectively, adds increased value and ultimately helps to support longer term loyalty.

The drive to continue to add value for our customers is a key long term strategy of CML, it is one that has worked well to date and will continue going forward. This together with a continued program of investment in new product development introduction will ensure that we can better serve our growing customer base in future.

For more information, please see below:

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Leading Edge: Best Practices in Sustainability and Innovation at Bryant Plastics

In this issue of Best Practice, we have chosen to recommend Bryant Plastics for its cost-effective energy efficient processes.

Bryant Plastics Ltd exemplifies best practices in the plastics industry through its unwavering commitment to sustainability, innovation, and customer satisfaction. For businesses seeking a reliable and forward-thinking partner in plastic manufacturing, Bryant Plastics provide a wide variety of plastic moving and handling solutions.

It's in-house design and production teams provide an extensive range of standard and custom plastic containers including plastic Roll Cages, Linen & Laundry Cages, Trucks & Trolleys, Bins, Tanks, Tubs and Cans plus its acclaimed spring-loaded platform Self-Levelling Trolleys.

While plastic often has a bad reputation, not all plastics deserve this stigma. Bryant Plastics'



commitment to producing high-quality, sustainable products not only addresses today's environmental demands but also sets the stage for a greener and more innovative future.

"The plastic we use is virgin M.D.P.E which can be recycled and used



for probably the next 100 years or more. There is a great book by Dr Alicia Chrysostomou called Plastics: Just a load of rubbish? That I think everyone should read especially if you are looking at educating yourself in the sustainability of plastic and the environment," stated Jackie Smith, Quality and Improvement Manager.

Ensuring environmental issues remain at the forefront of every innovation, one of the standout initiatives of Bryant Plastics is its comprehensive recycling program, where all of its surplus and scrap plastic is sent to specialist plastic recyclers so that it can be put back into use in other manufacturing industries. This procedure not only preserves the environment, but also conserves the fossil fuels such as natural gas or oil used to manufacture it.

For over 40 years, Bryant Plastics has been at the forefront of manufacturing high-quality materials handling equipment in the heart of Yorkshire. Renowned for the durability and excellence of its products, Bryant Plastics offers cost-effective and competitive solutions across various industries, including warehouse, distribution, recycling, textile, manufacturing, and laundry & cleaning.

Beyond its operational excellence, Bryant Plastics is deeply committed to ethical business

practices and transparency. Central to the company's values is a strong emphasis on environmental sustainability. Over the past 12 months, Bryant Plastics has significantly upgraded its machinery to enhance energy efficiency, reflecting its dedication to minimising environmental impact and fostering a greener future. "We are very pleased with the outcome and are excited for our next project: Heat Capture. This will make our processes even more energy efficient!" added Jackie.

Naturally, operating in the plastics industry presents an array of challenges related to environmental concerns, regulatory pressures, market dynamics, and technological advancements. To conclude, I asked Jackie about the challenges the company anticipates in the future and its strategies for addressing them.

She answered, "I think the instability that comes with war and the rising cost of energy is of concern to everyone. However, we are in the fortunate position that we are in a long-term contract for our energy so thankfully, we have that safety net for many years."

For more information, please see below:
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Bryant Plastics Ltd have been manufacturing high quality materials handling equipment for over 40 years in the heart of Yorkshire and are the largest manufacturer of laundry & linen cages (roll containers) in the UK. We pride ourselves on the quality and durability of our products, whilst providing cost-effective and competitive solutions to our customers.



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CheckedSafe are innovating, stay tuned for exciting new releases...



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CheckedSafe unveils new GB Domestic Hours feature



CheckedSafe, the UK's leading provider of vehicle compliance and fleet management solutions, are proud to unveil a new feature of their multi-award-winning fleet management system: a new GB Domestic Hours tracking feature.

This latest addition to the Software-as-a-Service (SaaS) platform is designed to keep fleet operations within the legal boundaries of the Drivers' Hours Legislation and the Working Time Directive.

Helping you comply with the Working Time Directive

In the UK, operators and drivers of goods vehicles, buses and coaches, are mandated by law to maintain precise records of working hours from the last 12 months. This requirement, crucial for both safety and regulatory compliance, can often be cumbersome due to its paper-based tracking system.

CheckedSafe's new development simplifies this process by providing real-time alerts on any infringements, allowing for immediate corrective actions. This proactive approach ensures that drivers adhere to legislative requirements which govern the hours drivers can operate and the necessary breaks, thereby reducing the risk of penalties and enhancing road safety.

Notably, the new feature is an extension of their existing fleet management platform but can also operate independently. It offers a comprehensive dashboard built into their current app that allows fleet managers to:

- ▲ Ensure full legal compliance with the Working Time Directive
- ▲ Eliminate the need for cumbersome paper records
- ▲ Manage driver fatigue and mandatory rest periods effectively
- ▲ Generate detailed reports on driver hours at the click of a button

Carry out licence checks remotely

However, innovation is nothing new for CheckedSafe. This development to their SaaS platform follows last year's advancements in their driving licence checks, which utilises Optical Character Recognition (OCR) to offer over 95% accuracy in verifying driver licences.

Unlike traditional solutions for checking licences, fleet managers can use this feature remotely without the need to be physically present – a particularly beneficial solution for businesses with dispersed workforces.

With checks priced at just £1.60 plus VAT, CheckedSafe aims to ensure that its pay-as-you-go service is accessible and affordable for businesses of all sizes, offering a more economical solution than that of direct competitors.

Innovative partnerships with Network Rail

Likewise, the company also shared news of a recent landmark partnership with Network Rail, the owner of Britain's vast railway infrastructure.

This partnership showcases CheckedSafe's ability to cater to complex, large-scale operations, as it sees their Fleet Management app utilised by over 44,000 unique Network Rail employees and 10,000+ vehicles across the country.

Under this partnership, the business has developed various new app functions and unique API software that allows Network Rail greater insight into their nationwide network of vehicles - supporting their vision of having one of the safest fleets in the UK.

The future looks bright...

As CheckedSafe continues to expand their suite of compliance and management solutions, the team remain dedicated to their original mission of revolutionising the fleet management industry through technology, simplicity and innovation.

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."

So, for fleets looking to modernise their operations and ensure stringent compliance with UK laws, CheckedSafe offers a comprehensive, robust app and portal that meets not only current needs but is constantly adapting to future challenges and regulations within the transportation sector.

For more information, please visit their website at: www.checkedsafe.com



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Oakway Storage: Leading the future of storage solutions with award-winning innovation

We are delighted to announce that Oakway Storage has been chosen as the winner of our prestigious Product Innovation Award. This accolade recognises the company's exceptional contributions to the warehouse fit-out sector through ground-breaking innovation, commitment to quality, and excellence in customer service.

Oakway Storage has set a new standard in the market with its cutting-edge storage solutions and products that are designed to meet the diverse needs of modern consumers, providing efficient, secure, and adaptable storage options.

We spoke with James Bywood, Head of Marketing, who shared insights into the inspirations driving their innovative creativity in developing new products for the market.

"Our innovative approach often stems from a blend of curiosity, problem-solving, and exposure to the diverse needs of our customers. Understanding the pain points and desires of business owners drives our innovation. By empathising with their challenges, we can design solutions that truly address their real-world storage problems. To keep ahead of any competition, we keep a close eye on industry trends, emerging technologies, and customer behaviour, and use these insights to adapt or even disrupt the marketplace. We operate a transparent product development programme at Oakway, as we have found that brainstorming with colleagues across all teams often sparks creativity. The constraints brought about by the timescale, resources and budget of our customers force our creative thinking. Necessity breeds innovation."

Oakway Storage delivers complete warehouse fit-outs, including pallet racking, mezzanines and industrial shelving systems. These solutions optimise storage space, improve profitability, and enhance efficiency. One product worth noting is the Oakway Rack & Warehouse Barriers. Designed to protect people and machinery, Oakway's flexible technopolymers barriers offer simple installation, low maintenance, and energy-absorption for maximum impact resistance and minimal disruption to business. Thanks to its technical specifications, Oakway's flexible rack and warehouse protection guarantees the protection of the floor and racking, the material and the safety of pedestrian and operators driving the vehicles.



Fostering an innovative culture is essential for Oakway when it comes to seeking long-term success and sustainability in a rapidly changing industry. Creating an environment where employees feel safe to share their ideas without fear of criticism is evident in Oakway's company culture.

James went on to say, "Our transparent operations across all levels of the business allow for the sharing of ideas from the ground up. Another way we incorporate innovation is by reflecting on each completed customer project, looking at opportunities to further improve. As part of the project signoff we positively encourage customer feedback for all elements of the project delivery from quote to installation. We believe we are uniquely placed in the warehouse fit-out sector to access the whole market to bring together varying elements and manufacturers to provide the perfect innovative solutions for our customers."

James then described a notable project involving a complete warehouse fit-out for a rapidly expanding pump manufacturer.

"As the business embarked on the daunting task of transforming a completely empty warehouse into a functional hub, they recognised the need for expert guidance to navigate the intricacies of the fit-out process. We supplied: Mezzanine to provide access to the full height of available warehouse space; Office space to provide a quiet working environment away from the dirty and noisy manufacturing space; A WC and kitchenette for the comfortable use of all colleagues; and a clean room lab area for product development and research. The problem the business initially had was not knowing how to fit all the above into a small warehouse space. We achieved great results that supported their initial business plans and also allowed for future growth."

This award is a testament to Oakway's unwavering commitment to continuous improvement and excellence. Its full warehouse fit-out service provides opportunities for



growing businesses to work with one supplier on all aspects of their warehouse development and optimisation. Oakway chooses to partner with customers over the long term, becoming embedded into their business ethos, so they can ensure their warehouse operates efficiently, safely and profitably.

Oakway is set to launch an exciting new product: the Oakway Pallet Shuttle System. This innovative system is designed to reduce costs and enhance warehouse efficiency by providing unmatched flexibility for optimised storage. Through Oakway's consultancy-led approach, a detailed analysis of your current operations ensures that the system will save you money, seamlessly integrate into your business, boost productivity, and be tailored to meet your specific needs.

For more information, please see below:
 T 01604 792255
info@oakwaystorage.co.uk
www.oakwaystorage.co.uk
www.pallet-shuttle.com





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>





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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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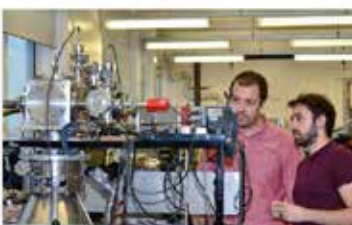
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Christeyns Food Hygiene wins Training Company of the Year at the SOFHT Awards 2023

Warrington based Christeyns Food Hygiene, part of Christeyns UK, were proud to receive the SOFHT Training Company of the Year Award at the event in London last night.

SOFHT is an independent consortium of food industry specialists set up to keep members advised of the current hygiene and technology issues through the provision of technical support, training and topical information as well as a vital forum for networking and sharing best practice across the entire food chain. The annual awards, now in their 19th year, recognise and celebrate excellence within the food industry and its associated industries.

As well as designing hygiene chemicals and equipment, Christeyns Food Hygiene run an educational platform for the training of hygiene professionals. The Christeyns Academy has evolved since its inception in 2013 to become a valuable resource for manufacturing

companies in the food sector. What started as a requirement to provide chemical safety training has grown into a package of training materials to support all food sector requirements.

Commenting on the award win, Martin Mann, Senior Customer Development Manager, states:

“We are delighted to have been named SOFHT Training Company of the Year 2023. This recognition of our specialist knowledge and training programmes highlights the range of support we can provide to the wider industry to assist them in attaining manufacturing excellence.

Food hygiene is paramount in safeguarding the public, a firm’s reputation and in managing a successful food production business. It underlines all we do, and we are passionate about ensuring food and drink safety across all sectors of our business.”



Christeyns Food Hygiene provides innovative hygiene solutions and specialised technical support for the food and beverage industry that ensure compliance with procedures, legislation and industry codes of practice.

Contact
<https://www.christeyns.com/uk-en>

Specialist hygiene company puts sustainability at heart of its business

Christeyns Food Hygiene has been awarded the prestigious EcoVadis Gold Medal for its commitment to sustainability and responsible business practices

EcoVadis is the world’s largest and most trusted provider of business sustainability ratings, creating a global network of more than 130,000+ rated companies. It evaluates companies’ sustainability performance across various criteria. This Gold Medal achievement for Christeyns Food Hygiene underlines the firm’s dedication to environmental stewardship, labour practices, ethical conduct, and sustainable procurement.

As part of the evaluation performance, the business is meticulously assessed across these categories, with evaluation of company policies, procedures, and key performance indicators (KPIs).

This places us in the top 5% worldwide of companies recognised with this esteemed award.

Warrington-based CFH manufactures premium hygiene products and along with its partners supplies solutions for the safe cleaning and disinfection of food and beverage plants and food retail businesses across the country. Recognising the critical role that cleaning and disinfection protocols play in upholding food safety management systems, the firm is committed to enhancing



clients’ operations whilst leading the sector in sustainable business practices.

“At Christeyns Food Hygiene we have long been conscious of the impact that our products and services have on the environment and on our customer’s operations,” states Chris Bayliss, CFH UK Sales Director. “This award is recognition and validation of the long-term efforts we have in place to ensure and support food safety and hygiene in our customer’s sites in a sustainable way for now and the future.”

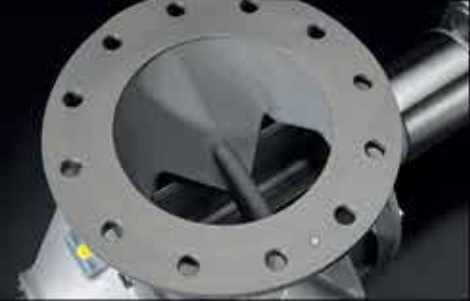
Christeyns Food Hygiene is part of the international hygiene group, Christeyns, with headquarters in Ghent, Belgium. The group



Site photo Christeyns Food Hygiene facility at Winwick Quay, Warrington

has subscribed to the Responsible Care Global Charter committed to a corporate leadership culture that safeguards people and the environment, strengthens chemicals management systems, influences business partners, promotes safe management of chemicals, engages stakeholders and contributes to sustainability. The company has also signed up to the UN Global Compact initiative.

www.christeyns.com



DMN
WESTINGHOUSE

WE ADD RELIABILITY TO **DRY BULK HANDLING** INDUSTRIES

TAILORED SOLUTIONS AND SOLID SUPPORT FOR VARIOUS INDUSTRIES WORLDWIDE

Whatever industry you are in, from plastics to pharmaceuticals and from dairy to aquaculture, you wouldn't want your production compromised by faltering input of raw materials.

Let DMN-WESTINGHOUSE add reliability to your dry bulk handling processes. Since 1950, we have excelled in designing and manufacturing high-end rotary valves and diverter valves with a stark focus on durability, cleanability and compliance.

Discover your future-proof solution at dmnwestinghouse.com



USDA





DMN-WESTINGHOUSE rotary valves and diverter valves



Setting new standards for the dairy industry

Product quality, product safety. The guiding mantra in dairy production. That's why the world's leading dairy producers rely on the products and solutions developed by DMN-WESTINGHOUSE. Our rotary valves and diverter valves offer the highest level of precision engineering, preventing bridging and possible contamination during conveying processes. At the same time, they guarantee unparalleled cleanability, drastically increasing product safety while reducing downtime for maintenance and repairs.

Taking up the challenges

Through years of experience and valuable partnerships, DMN-WESTINGHOUSE has gained a deep understanding of the global dairy industry and its challenges. We have earned the trust of an industry where hygiene, cleanability, and safety are paramount. In our R&D department, we leverage innovative technology, setting the dairy industry standard. In our factories, we control every step in the manufacturing of heavy-duty rotary valves and diverter valves.

Always compliant

Just like you, we strive for unparalleled quality and consistency. A commitment underscored by our compliance with current certifications, including USDA, EHEDG-ED Class II and ATEX. Whether it's about infant formula, lactoferrin, (plant-based) milk powders, caseinates or probiotics, at DMN-WESTINGHOUSE, we help you maintain the highest quality standards in dairy.

Heavy-duty, finest quality

Many producers of dairy products, ranging from baby formula to lactoferrin, rely on our renowned heavy-duty rotary valves. These valves come in two

types and various sizes: the drop-through type (AL/AXL/AML) and the blow-through type (BL/BXL/BXXL). They comfortably comply with the stringent hygiene standards the dairy industry needs to maintain. All product contact surfaces consist of food-grade material, polished to perfection. They are all radiused and polished to an astonishing 0.8µm Ra (150 grit), and the rotor vanes have precisely chamfered edges preventing the build-up of conveyed dairy powders.

MZC-series: standard for safety, hygiene and cleanability

Cleaning intervals will vary depending on which dry dairy substances are processed. To reduce cleaning time and resulting downtime, we developed the MZC rotary valves based on our AL – and BL-series. The MZC-I and MZC-II are equipped with supporting rails so the rotor and end cover can be removed. The MZC-II opens on two sides for unprecedented easy access and superior cleanability.

These valves facilitate premium process handling, raising the bar in cleanability, hygiene, and safety. The rotor body clearances are set automatically when the rotary valve is closed after cleaning.

Options for ultimate safety and reliability

Adding innovative solutions can take your dairy production to the next level.

We offer:

- ▲ **Rotor Interference Detection (RID 3.0)** is our third generation, detecting unwanted contact between the rotor and body or end covers. This prevents major damage and provides insight into product contamination. RID 3.0 offers 50 times more accurate resistance measurement than its predecessors.
- ▲ **Shaft seal flow control** boosts the reliability of our AL and BL heavy-duty rotary valve series even more. Precise flow control prevents the build-up of powder residue on the shaft seals, minimising the risks of seal failure, contamination, leakage, damage and downtime.
- ▲ Rotary valves equipped with the **Sanitary Air Seal (SAS)** outboard bearing shaft seal minimise leak risks due to pressure changes inside the valve, thus maintaining the right airflow.

Cleaning-in-place (CIP)

For maintaining hygiene and preventing contamination, cleaning-in-place (CIP) is indispensable. CIP is about cleaning the interior of pipelines, valves, tanks and other equipment without the need for disassembly. In the dairy industries it's a necessary, often automated method to maintain the highest levels of hygiene and prevent contamination.

Your perfect Niro replacement

Handling dry dairy solids is about maintaining the strictest standards and requirements 24/7. Are you currently operating Niro rotary valves needing replacement any time soon? Our NR347 rotary valves (NR = Niro replacement) match the outer dimensions of the Niro valves operating within your system, which means they are usually a perfect fit. The NR347 is based on our heavy-duty AL250 model and is made of stainless steel. Meeting all hygiene and safety standards, the NR347 will prove its value day in and day out.

Our diverter valves: boosting efficiency and hygiene

Diverging and converging powders or granulates is a daily routine in dairy production. Safety, efficiency and maximum hygiene are key. That's why our 2-TDV, 3-TDV, M-TDV, and GPD diverter valves are very much in demand.

- ▲ Our 2-TDV and 3-TDV diverter valves are designed for quick disassembly and streamlined distribution. The 2-TDV effortlessly handles two destinations, while the 3-TDV targets three.
- ▲ The M-TDV efficiently handles the pneumatic transport of powders or pellets, diverging and converging flows to multiple destinations. Available in different sizes, offering up to 14 ports.
- ▲ Our diverter valves are the perfect choice for systems needing regular, quick cleaning with minimal downtime.

Would you like to know more about DMN-WESTINGHOUSE rotary valves or diverter valves and discover why we are the dairy industry's choice worldwide?

Please get in touch with the DMN-WESTINGHOUSE: +44 (0)1249 818400 or dmn.uk@dmnwestinghouse.com.





Award of Excellence for Cloud-Based Monitoring Solutions 2023!

From rising levels of noise pollution in urban areas to concerns over air quality, these issues have a profound impact on the well-being of citizens and the sustainability of industries. Environmental monitoring solutions encompass a range of sophisticated technologies and data-driven approaches aimed at tracking and mitigating environmental factors.

In this context, companies like Cirrus Research play a pivotal role by developing innovative and reliable monitoring solutions. These solutions provide real-time data, enabling businesses and government authorities to make informed decisions to improve the environment and safeguard health. Cirrus Research's mission revolves around creating innovative solutions that enhance the way we monitor and manage noise and other environmental impacts.

Cirrus Research's cloud-based monitoring solutions, Quantum Indoor and Quantum Outdoor, have had a profound impact on businesses and communities across the UK. By providing real-time data on noise, air quality, and vibrations, they empower businesses and local authorities to make informed decisions. This data-driven approach not only ensures compliance but also fosters healthier, quieter, and more sustainable living and working environments.



Cirrus Research is being honoured with the Awards of Excellence is because of its unwavering commitment to excellence. They continuously strive for perfection in their products and services, pushing the boundaries of what is possible.

Cirrus Research's journey to become a pioneering industry leader is nothing short of inspirational. Their relentless pursuit of excellence, commitment to improving the quality of life, and contributions to environmental and occupational safety have made them deserving recipients of the Awards of Excellence. Their cloud-based monitoring solutions have not only changed the way we perceive data but have also transformed the way we live and work in the UK. As Cirrus Research continues to innovate and drive positive change, we can only anticipate a brighter and more sustainable future for the UK and beyond. Their journey reminds us that with dedication, innovation, and a focus on the greater good, any company can become a beacon of excellence and a force for positive change in our world.

[Find out more about Quantum Outdoor here.](#)

[Find out more about Quantum Indoor here.](#)

www.cirrusresearch.co.uk



The Quantum Outdoor

An **award winning outdoor** cloud-based environmental noise monitor.

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Aviation

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Transport & Rail

Power Generation

Motor Racing

Transform your monitoring today!



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New eBook explains the risks of washing PPE at home

Are you aware that washing personal protective equipment (PPE) at home can significantly compromise its effectiveness? As an employer, it's not just about providing PPE, but also about maintaining it to ensure your employees' safety. Home laundering of PPE can potentially undermine the protective capabilities of the equipment, putting your workforce at risk and exposing you to liability for accidents or injuries due to inadequate PPE. Don't compromise on safety. Choose professional laundering services to ensure the longevity and effectiveness of your PPE.



and professional laundering of workwear and PPE, examining the associated risks.

Using a professional laundry service can help alleviate the burden of handling cleaning and maintenance tasks. CLEAN's state-of-the-art facilities and eco-friendly practices ensure that your uniforms are impeccably clean and cared for sustainably, aligning with your corporate social responsibility goals. Partnering with CLEAN can save time and resources, and keep employees safe, ultimately improving morale and retention. Their managed service includes distributing workwear at your premises, managing the clothing supply for new employees, and monitoring the condition of workwear.

To read the eBook and learn why home laundering can be dangerous, please visit:
www.cleanservices.co.uk/ebook

In many sectors, 'dress for the day' is the difference between dressing smartly or casually. In industrial sectors, however, it can be a difference between safety and an accident. Workwear is not just a uniform; it's a crucial protective barrier shielding people from life-threatening risks like fire or electric arc and preventing people from bringing harm home through contaminated clothing. A new eBook from workwear rental specialist CLEAN delves into the debate between home washing

Introducing the 5-Point Maintenance Program for On-Site Safety Shower!

At Aqua, we understand the importance of keeping your on-site safety product in optimal condition to ensure the well-being of your workforce. That's why we're excited to offer our comprehensive 5-Point Maintenance Program, designed to maximise the longevity and effectiveness of your safety equipment. With this program, you can minimise downtime, enhance safety compliance, and prolong the lifespan of your investment. Let's take a closer look at the five key points of our maintenance program:



functioning of your safety equipment. We will thoroughly clean all parts, removing dirt, debris, and other contaminants that could compromise performance.

Regular Inspections: Our team of trained technicians will conduct regular inspections of your on-site safety product, carefully examining each component for signs of wear, damage, or malfunction. By catching potential issues early on, we can address them protectively and prevent any major breakdowns or accidents.

Cleaning and Lubrication: Proper cleaning and lubrication are essential for the smooth

Maintenance and inspection: Failsafe maintenance and inspection are crucial to guarantee safe and reliable operation. Our experts will calibrate your safety product according to industry standards, making necessary adjustments to maintain availability in times of need. This step is vital for equipment used in remote site locations with variable environmental temperatures.

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www.cleanservices.co.uk/workwear



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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Leader in Odour Control and Biogas Cleaning Units

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Mónashell - Mónafil - CrumRubber - Mónasorb
- Skid Mounted Odour Control Units -
Media Replacements - OCU Health Checks





Measurably better Chemiluminescence analysers

Nitrogen Oxides (NO_x) are chief villains in the battle for climate control; belonging to a family of gases that are formed during the combustion of fossil fuels. When Nitric Oxide (NO) reacts with other gases, for example with Ozone, it forms Nitrogen Dioxide (NO₂), which is considered highly toxic to human health.

The reaction with Ozone is also an indicator for why Nitric Oxide (NO) is considered a climate active gas, that interacts with Earth's protective Ozone layer. Human exposure to high levels of Nitrogen Dioxide (NO₂), but also Nitric Oxide (NO) can cause airway inflammation, susceptibility to allergens and exacerbate pre-existing lung or heart conditions.

Nitric Oxide (NO) is a biological marker of inflammation and is also produced by cells involved in the inflammation process. It is typically used to diagnose allergic/eosinophilic asthma. Legal ambient air limit value (annual average value for the European Union) for Nitrogen Dioxide (NO₂) concentrations is 40µg/m³. Maximum occupational exposure limit is 950µg/m³. Indoor air limit value for maximum exposure is 250µg/m³ but the precautionary value 80µg/m³. The WHO defines 40µg/m³ as precaution limit. The Department for Environment,

Food & Rural affairs (DEFRA) has also reported soil chemistry and biodiversity changes across many UK habitats, through gas (dry deposition) and precipitation (wet deposition.) Anthropogenic Nitrogen Oxides (NO_x) influence tropospheric chemistry, which directly cause photochemical smog and concentrated levels of urban ozone.

ECO PHYSICS AG offer world-leading measurements of Nitrogen Oxide (NO_x), through trailblazing chemiluminescence analysers. These innovative analytical solutions are unprecedented in speed and sensitivity, with a cutting-edge range of sensitivities from 1% down to 1 ppt (part per trillion). Chemiluminescence Analysers use a unique thermally-stabilised semiconductor photodiode, to measure light intensity produced by reactions between Nitric Oxide (NO) with Ozone (O₃). The light intensity correlates to the proportion of Nitric Oxide (NO_x) converted to Nitrogen Dioxide (NO₂) by the reaction.

We caught up with Dr Grischa Peter Feuersänger, Head of Sales & Marketing, to find out more about ECO PHYSICS, "ECO PHYSICS was founded in 1990 through a management buy-out, by co-founders Dr Matthias



Kutter and Dr Werner Moser and we now operate from our base in Duernten, Switzerland. We offer innovative analytical solutions for measurement tasks in the fields of environment, health and process control. With our interdisciplinary research and development team, we are delivering customer-oriented and tailor-made products and services. The initial know-how focus was centred on the principle of the chemiluminescence, thus developing and manufacturing analysers for the ambient pollution and emissions. We have

perfected analytical technique in speed and sensitivity. Today we are proud to claim world leadership in the fastest and most sensitive chemiluminescence analysers and the broadest commercially available range."

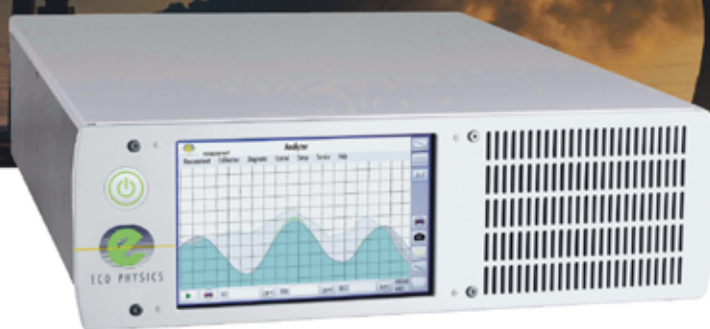
This Swiss-based innovative company has EN ISO 9001: 2015 quality management and EN ISO 13485: 2016 medical devices-compliance, offering quality assurance to customers across many industries. There is a new range of gas analysers and boxed set gas analysers available: nCLD AL, nCLD AL2, nCLD AL3/8555, nCLD EL and nCLD EL2.

The nCLD AL3/8555 is a next-generational modular gas analyser, offering state-of-the-art simultaneous measurements of NO, NO₂, NO_x, NH₃ and NO_x-Amines. Even lower detection limits can be detected through the newly designed reaction chamber, enhanced gas flow paths, improved pressure and temperature stability. This analyser is adaptable to non-standardised applications, with the unit calibration running smoothly on an automated basis.

To see the whole product range:
T +41 55 220 22 22
info@ecophysics.com
www.ecophysics.com

ECO PHYSICS nCLD "Facelift" boxed solutions

AL, AL², EL S, EL, EL²



Measurement of:
NO · NO₂ · NO_x

The one- and two-channel chemiluminescence based NO_x 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.

- Compact analyzer with external or integrated pump
- "Toggle mode" NO₂-feature for One-Channel instruments
- Intuitive graphical user interface
- Internal data logger and status recorder
- Remote operation/control, Power DOWN/UP
- USB, HDMI, LAN/WLAN, Bluetooth, RS-232, Analog I/O



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Leicester Bearings announces Partnership with Inpro/Seal for Bearing Protection Products

Leicester Bearings, a leading nationwide provider of engineering components, consumables and associated mechanical services, is pleased to announce its partnership with Inpro/Seal, a reputable manufacturer and distributor specialising in industrial and mechanical bearing protection components. This strategic collaboration aims to strengthen the distribution network for their high-quality bearing products in the UK.

Leicester Bearings has established itself as a trusted name in the engineering and mechanical distribution sector, known for its commitment to quality, reliability, and exceptional customer service. With an extensive network and a proven track record of delivering high quality products to various industries, they align seamlessly with Inpro/Seal's values and commitment to excellence.

The partnership with Inpro-seal marks a significant milestone for Leicester Bearings as they expand their reach and accessibility within the UK market. Customers can now expect easier access to state-of-the-art bearing protection products, designed to provide proven permanent bearing protection, enhance equipment reliability, reduce maintenance costs, and extend the lifespan of critical machinery, all at an affordable price point.

Carl North, Regional Sales Manager at Inpro/Seal, expressed enthusiasm about



the collaboration, stating, "We are thrilled to welcome Leicester Bearings to our growing network of partners. Their dedication to providing top-tier solutions aligns perfectly with our commitment to delivering cutting-edge bearing protection products. Together, we look forward to serving the needs of the UK market more effectively."

Jamie March, Managing Director at Leicester Bearings commented on the partnership, "Leicester Bearings is excited to join forces with Inpro/Seal.

This collaboration enhances our product portfolio and allows us to offer our customers access to premium bearing protection solutions. We are confident that this partnership will bring mutual success and contribute to the satisfaction of our valued clients."

For nationwide enquiries, pricing, or to place an order for bearing protection products, please contact Leicester Bearings on: 0116 2549886, email: sales@leicesterbearings.co.uk or visit: www.leicesterbearings.co.uk



Your total magnetics solution provider

Newland Magnetics Europe is a subsidiary of Ningbo Newland Magnet Industry Corporation Ltd, a Chinese company that has been manufacturing sintered NdFeB magnets and magnetic assemblies for over 15 years.

With over 70% of the company's sales within Europe, Ningbo Newland Magnet decided to set up Newland Magnetics Europe in France to provide additional local support, allowing customers to communicate in their own language including literature available in French, English, German and Italian. The company's location in Europe makes it easier for it to communicate, offering technical support in a customer's own time zone



eliminating the 6hr+ time difference with China.

To improve support for our customers located in the UK Newland Magnets has recently partnered with Cees Fasteners who are located in Finchampstead, Berkshire.

Cees Fasteners is an independent, privately owned company that provides bespoke fastening and assembly products and solutions to UK manufacturing companies.

They specialise in fastening and assembly related quality enhancement and cost-reduction for SME's and offer a range of products catering for most applications.

With there extensive knowledge of the UK manufacturing industry and in house engineering experience we believe they will be able to support our UK customers with their Magnetic applications, providing sales and technical support and the possibility to hold stock within the UK.

Newland Magnetics Europe can provide material data, technical and design assistance,

and sampling. The company can also provide a range of stocking options including consignment stocking at its location in France, UK, within a customer's own facility, or shipping directly from China. As well as supplying sintered, bonded and powdered NdFeB, Newland also supplies AlNiCo, SmCo and hard ferrite magnet materials, and magnetic assemblies manufactured to the customer's specific requirements.

Because the company is a subsidiary of Ningbo Newland Magnet Industry, it means it can provide magnetic material at the same cost base as material purchased directly from China, giving Newland Magnetics Europe a competitive edge price wise over other European magnetic distributors.

Our website contains date on all the magnetic material we can supply and also examples of the type of assemblies we can manufacture including Magnetic Couplings, Halbach Arrays, Sensors, holding devices and filters.

If you need any additional information about our materials or assemblies, please contact us directly or our Partner Cees Fasteners.

Newland Magnetics Europe
T +33 (0)5 45 83 99 59
info@newlandmagnetics.eu
www.newlandmagnetics.eu

Cees Fasteners
T +44 (0)118 328 7157
sales@ceesfasteners.co.uk
www.ceesfasteners.co.uk



Newland Magnetics Europe SAS Your total magnetics solution provider

Newland Magnetics Europe with its offices and warehouse located in France, are part of the Ningbo Newland Magnetics group who have been manufacturing Sintered NdFeB magnets and magnetic assemblies for over 15 years. Now with an annual turnover of more than €30M, ISO9001:2015 & IATF 16949:2016 accreditation and production capacity of 2,000 tons per year. Newland Magnetics have Recently partnered with Cees Fasteners based in Finchampstead Berkshire providing bespoke fastening and assembly products and solutions They can also provide technical support for our magnetic products

Once in production we can also provide a range of stocking options including consignment stocking at our location in France, Cees Fasteners UK or your own facility.

Newland Magnets also supply Bonded NdFeB, Magnetic powder, Alnico, SmCo and Hard ferrite magnets and magnetic assemblies.

Contact Cees Fasteners
Tel: +44 (0) 118 328 7157 - Email: sales@ceesfasteners.co.uk

Please visit www.newlandmagnetics.eu

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Using steamers to control & effectively remove bed bugs

Using Steamers to Control and effectively remove Bed Bugs Dry Steam is a highly effective method for killing bed bugs in all stages of their development if applied correctly. When using steam as a treatment, the quality and boiler temperature of the steamer is very important. As a guidance, a commercial steamer with a minimum boiler temperature of 150 degrees Celsius and 6 bar pressure or an even higher pressure should be selected – with a manual or digital steam volume control. It should be noted, however, that in this type of application it is the boiler temperature that is more important than the pressure.

The smaller type of steamer normally used to steam clothing or steamers with a boiler temperature below 150°C, will not be effective for bed bug treatment. Also don't use a carpet cleaning machine as this will virtually have no effect as Carpet cleaning machines do not reach high enough temperatures to kill bed bugs.

The OSPREYDEEPCLEAN Steam & Vac Pro is the ideal machine for this application. Dry Steam Machines work by delivering lethal temperatures to where bed bugs may be hiding. Steam is very effective when bed bugs are on the surface of items such as carpets, mattresses and can be effective up to 3-4" into fabric surfaces. In cracks and crevices, steam will kill bed bugs up to 3-8" into a gap. Use an infrared thermometer to monitor the surface temperature of the area being treated. To effectively kill bed bugs the surface

temperature should be at least 60-70 degrees Celsius (160-180°F) immediately after the steam tool has passed.

Following the manufacturer's directions for using the dry steamer (with the additional precautions) below will help you generate steam safely whilst obtaining maximum control of bed bugs.

Here are some additional tips to follow:

- ▲ Select a Dry Steam & Vacuum machine with a water filtration to capture the 'waste.'
- ▲ Attach a nozzle or on flat surfaces- a carpet upholstery tool to the steam wand.
- ▲ For carpets, the floor nozzle will also work but the operator will have to move the nozzle more slowly to obtain the right temperatures and to increase the steam volume.
- ▲ Surfaces must reach a temperature range of 60-70 degrees Celsius (160-180°F). Below this, bed bugs may survive. An infrared thermometer should be used to measure surface temperatures after the wand has passed over the area being steamed. If the temperature is too low, move the wand more slowly but this may increase the risk of damage to the fabric and other materials. If the temperature is too high, move the wand faster.
- ▲ Fabric may be very slightly damp, afterwards but will quickly dry. Use the steamer on all surfaces where you see bed bugs and areas where you think bed bugs



may be hiding. You may have to repeat this procedure a couple of times as this method only provides control of bed bugs that are exposed to the heat, any bed bugs that do not come into contact with the steam will survive.

- ▲ Select the correct steam volume subject to the accessory chosen this should be set at low to medium level. Do not choose full volume as this would only blast the bedbug away but not kill them. Slowly move over the chosen area. Once completed switch on the vacuum at full level and use the steam and vacuum setting to slowly move over the same area again to collect all the "waste".
- ▲ Once the operator has completed 1 area/ room safely empty the waste container to drain or into a toilet and fill the waste tank with fresh water which basically is the new filter medium with HEPA filtration like efficacy. For a "Belt and Braces" approach there is the option to spray the surfaces with an approved insecticide for residual efficacy.

For more information and guidance in choosing the correct machine call **OSPREYDEEPCLEAN** on: **01242 513123** or email: **sales@ospreydc.com**.

STEAMFORCE®

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De-grease Machinery



Sanitise Food Preparation



Steam Clean Batteries



Environmental Cleaning

The STEAMFORCE Range



SF Compact SF 20 SF 3 SF 6 SF 10 SF 20 SF WalkIt

- ▶ Use in all sectors: commercial - food production - transport - heavy industrial
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Gloucestershire, GL51 8LZ



ECOLAB CERTIFIED SAFETY LIGHT BARRIERS FOR HYGIENE APPLICATIONS



The Schmersal Group has designed a new safety light barrier especially for hygiene-sensitive uses in the food processing industry, such as milk and meat processing.

This version has evolved with the demands of standard cleaning operations in the industry as the sophisticated design helps to ensure IP69 degree of protection (protection against the ingress of water from high-pressure of steam cleaning).

The protective enclosure with external gaskets satisfies stringent standards and is designed to cope with frequent cleaning with water, foam, lyes, high-pressure or hot steam.



DMS technologies

At DMS technologies, we pride ourselves on being able to complete projects based on your unique specifications. We recognise that today's engineers require more than just a battery supplier. Organisations require a battery partner to fully understand their requirements and provide appropriate solutions. As an independent provider, we will evaluate your requirement and look to balance quality, performance, and cost to provide you with the best solution for your needs.



We started 30 years ago as a battery pack manufacturer and remain a leading UK pack builder, still manufacturing large numbers of our original 'Cyclon' battery packs. Gradually adding

more and more technologies and suppliers. Using lithium, alkaline and NiMH cells, we design and build packs for bespoke applications ranging from Oil & Gas to Emergency Lighting, offering a basic shrink wrap solution to a fully moulded plastic casing.

As a Yuasa, EnerSys and Tadiran distributor we offer batteries for several different industrial applications, including, but not limited to:

- ▲ Emergency lighting
- ▲ Fire and Security
- ▲ UPS
- ▲ Telecom

Our team will work with you from conception through to design, build and release keeping you in touch at every stage of development.

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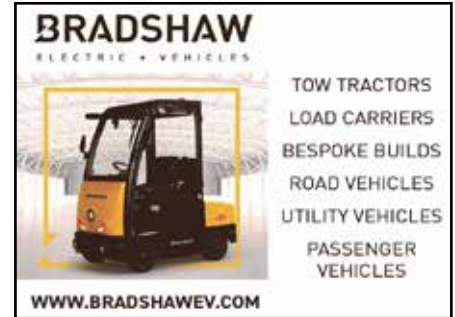
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