

Best Practice



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Customs procedures? Preparations for a hard BREXIT



With the potential for a hard Brexit now very close it would seem advisable for businesses trading with the EU to review their customs procedures.



Specifically the method of customs declaration and accounting for all movements. Filing copies of commercial invoices, packing lists, proofs of dispatch (consignment notes, bills of lading, airway bills) and copies of the customs declaration in preparation for a customs audit.

Many businesses who export to non EU countries already do this but EU only traders need to initiate processes urgently.

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How to prepare for a hard Brexit

Due to working in International logistics for over 30 years in Sales and Operations Manager, Paul Uglow speaks about how to prepare for a hard Brexit.



One of the earliest milestones memories was closing the port operations for the customs clearance at Portsmouth and Poole for my employer LEP International.

"Over the years, I have specialised in the USA automotive-UK market, Far East to Europe retail imports and helping to design the transport element of the supply chain for high profile companies. Currently my main effort is working with Meachers customers on preparation for the potential of a hard Brexit, part of that preparation due to not knowing yet what the HMRC Customs clearance solution will be."

To counter this, we have put together a shopping list of 'to do's' for importers of exporters:

- A) Documentation**
- Get a VAT and EORI number
 - Identify what the commodity (tariff) numbers are for the products you are moving: <https://www.trade-tariff>.

service.gov.uk/trade-tariff/sections

- Establish with your overseas supplier or customer what your terms of sale will be. (Incoterms)
- Understand how to declare value of goods. (Freight cost & goods value)
- Confirm origin of goods
- Establish if you need a licence to export or import products to and from EU.

B) Import/Export Procedure
 There appears to be 3 methods of processing cargo through customs at the moment:

- 1) Customs will just open to boarder and allow importers to pay duty and VAT along the lines of what was the 'Intrastat process.' This we do not expect to happen as the back log of work for HMRC will be horrendous and also lead to the opportunities for increased criminal activity
- 2) Proposed by HMRC, 2

weeks ago, Transitional Simplified Procedure TSP. Aimed at companies doing their own customs clearance, direct online with payment of duty and VAT taken from company accounts, this is not managed by customs broker.

To trade with TSP – companies must be EORI, VAT, account registered, must be established in UK, the procedure only applies to trucking, RORO ports, Channel Tunnel, Dover, ETC.

The TSP – declaration must be made prior to vehicle/truck boarding the ferry/train. Further declaration made within 4 working days of arrival of good in UK. Duty by direct debit 15th of month

- 3) New computerised Transit system NCTS**
- Import and export of cargo on the TI Document
 - Document raised prior to vehicle departure
 - Shippers and consignee with AEO can move cargo without customs authority
 - However non AEO companies will require customs authority to move cargo prior to shipping.

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Download on the **App Store**

Dash Dynamics
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Freight Forwarding






Meachers Global Logistics provides customers with a complete range of freight forwarding solutions. Specialist teams provide an extensive portfolio of international freight services based around the core areas of Road freight, Sea freight and Air freight shipments.

From direct airline and consolidation services through to deep-sea container and international road freight, Meachers is recognised as being one of the UK's leading independent freight forwarding companies.

<p>Air Freight Shipment</p> <ul style="list-style-type: none"> • Approved DFT Regulated agent meeting air freight security requirements • Direct airline consolidation services • SYNTEGRA linked for electronic track and trace • Daily deliveries to London Heathrow & Gatwick freight terminals from Southampton 	<p>Sea Freight Services</p> <ul style="list-style-type: none"> • Global sea freight forwarding solutions provider • Experts in consolidations, international shipping, deep-sea container and conventional shipping • Cross trade, out of gauge and chartering services • Container loading & unloading services 	<p>Customs Clearance and Compliance</p> <ul style="list-style-type: none"> • Custom Broker services across all UK air and seaports • Import processing and compliance • Specialist IPR/OPR regimes • Compliance reviews and audits • Full AEO accreditation – simplified customs procedures 	<p>Import, Export & Credit Documentation</p> <ul style="list-style-type: none"> • Advice and support services • Preparation and presentation of letters of Credit • Foreign collection services • Specialist team of knowledgeable experts
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Dash Dynamics goes from strength to strength

Best Practice is proud to announce that Dash Dynamics has been chosen to receive our **Product Innovation Award**, in no small part due to their unparalleled manufacturing services.

Dash Dynamics has seen substantial growth over the years. In fact, the company has doubled their turnover by an average of 20% each year since David Wilkinson took over the business five years ago. With their market presence now reaching Europe, US and Australia, Dash Dynamics has seen expansion and growth, year on year.

As well as their main product, domed car badges, another particular range is their Black 3D Resin domed number plate letters, commonly used in the production of bespoke number plates. These letters are manufactured in compliance with Section II of the Road Vehicles



Regulations 2001, meaning they are a legal way to add to the aesthetic design of a vehicle. Unlike some of Dash Dynamics' competitors, their 3D lettering does not interfere with the legibility of the registration marks and contains no reflective properties. This means a customer can rest easy knowing their personalised number plate will not raise any problems with the authorities.



Furthermore, Dash Dynamics can supply high quality custom made keyrings manufactured to a customers' specifications. They can do production runs from as little as 10 units, meaning their luxury key fobs are cost effective as well as stylish. Expanding upon their success, we spoke to David about what sets Dash Dynamics apart from their competitors. He told us that "Here at Dash Dynamics, we are just one of 6 professional bubble badge



manufacturers in the UK. We have managed to set ourselves apart thanks to our very fast turnarounds and ability to produce small batch volumes of badges. In addition, we are also constantly investing in the latest technology and top of the line machinery."

Upon speaking to David about Dash

Dynamics future plans, he stated "My prediction for the coming year is to repeat the growth we have achieved thus far, through developing new markets, customers and products."

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The UK's domed badge specialist

ASK OUR EXPERTS

DASH
D Y N A M I C S

Domed Badges from Dash Dynamics

Based in Garstang between Lancaster and Preston, Dash Dynamics specialise in the design and manufacture of resin domed badges (also know as bubble badges) for a range of applications across a variety of industries. These products are fabricated using the latest technology under strictly controlled atmospheric conditions. We produce resin badges, labels and signs that are scratch and heat resistant, UV stable for both internal and external use.



We produce normal self adhesive vinyl stickers where the customer requires a simpler, cost-effective means of personalising products. We also offer a doming service for printers requiring their own production to be domed (Please call us regarding this process as there are certain design and production requirements to be met to create successful and professional results).



All our products are tailor made to your requirements including small volume production. For a cost-effective and professional way to enhance and brand your products or promote your company, please contact us by phone or email with your requirements.



www.dashdynamics.co.uk • info@dashdynamics.co.uk
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The UK's Domed Badge Specialists

Initially established 15 years ago by Eric Sandiford, Dash Dynamics is a small yet efficient company that is constantly growing due to their excellent services. The company was bought out by David Wilkinson five years ago with a view to develop it further. Based in Lancashire, they manufacture resin domed badges for a variety of industries, with their main focus being automotive companies.

Dash Dynamics' high quality badges are used in an extensive range of applications, such as healthcare, sanitary disposal equipment, schools and machine manufacturers to name a few. Operating mainly in the UK, they provide customer made solutions, manufacturing mainly domed car badges, 3D and Acrylic 4D number plate letters and custom keyrings.



dispatch the following. Indeed, this efficient service is one of Dash Dynamics' main advantages, as well as the ability to provide bespoke products; they don't carry any badges in stock, every single product is different and made bespoke for the client. Possessing an unrivalled willingness to get the job done with services that are built upon speed and accuracy, Dash Dynamics can be trusted to complete every order.



Customers are encouraged to discuss their own ideas, which can then be reworked into an eye-catching design by Dash Dynamics' team of highly experienced graphic designers and manufacturers. Furthermore, their website contains a range of videos which explain how the company works and how their badges are made.

future workforce. Students can work alongside the company in graphics, printing, videography and marketing, an experience which can eventually lead to a future career in the industry.

Providing products for every area of industry, Dash Dynamics offer control panel graphics, badges, safety badges and branding to all sectors, from leisure to one-off prototypes. In the past year, they have invested in new printers and cutters, as well as updating their website and partaking in training courses in order to remain ahead of the competition.

It is clear that Dash Dynamics is a strong leader in their field, going from strength to strength and constantly looking to expand with new technology and services. If you would like to find out more information on how they can help you, head to their website or use the contact details below.



Providing in house design services, Dash Dynamics have three printers and a computer controlled resin doming plant, and they are intending to increase to a second doming plant later this year. Depending on the badge design, they can usually offer a turnaround of under one week. The specialists pride themselves on efficiency, once producing 12,000 badges in two days.



With such quick service, customers are always delighted with what they receive and often badges can be made the same day ready for

All of their auto-badges are regulated to automotive specifications, ensuring customers receive exactly what they need. Dash Dynamics use inks that are solvent or latex based and the resin is made from two-part polyurethane. Customers can be assured that the finished product will not go cloudy or fade, and it will be scratch resistant; everything Dash Dynamics produces is of the highest possible quality and durability.

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As well as their technological expansion and innovation, Dash Dynamics are also investing in student placements in order to help create the



**READER
COMPETITION!**

As part of our readership competition, you could be in with a chance of winning £50 worth of Marks and Spencer's vouchers by simply answering the question below. Email in your answers to sales@bestpracticeuk.co.uk and find out if you're the lucky winner!

What is the material used to resin dome badges at Dash Dynamics?

Please mention where you picked up your copy of Best Practice.

Richard Chambers GmbH



After finishing his degree at the age of 21, the next chapter in Richard's journey was military service. First serving the normal 2 years in the army, 18 months into his service Richard was asked by his superiors if he would extend his service to 3 years. He was made a captain, which in turn increased his salary, and he was able to use the facilities on his military base to build his own car.

Many years on, and Richard now operates internationally out of Germany with his company 'Richard Chambers GmbH'. His company provides products for the industry and motor vehicles, including motor sport, producing European Champions, and classic cars. The ethos for Richard is, while lowering costs with more performance he is also reducing emissions to benefit the environment and human health.

Richard's company distributes his range of products from Germany, with the popular SX-6000 range which includes engine and gearbox treatments and a fuel system cleaner. The LecWec is the perfect remedy for leaking polymer oil seals. As we know, these can be an expensive fix in most cases, however, by adding just 3% LecWec to the oil, 99% of all cases have provided a lasting repair.

The range of the SX-6000 products also enables the treatment of all oil system oils with the highest specifications and all units which also use synthetic oils. The dB Wec is the perfect noise reduction solution and helps quieten the engine, gears and differentials. This product can be added to all mineral and synthetic oils, and after extensive tests this product has been proven

to produce a measurable reduction in noise.

All the SX-6000 oil treatments sold by Richard Chambers GmbH are certified and have been proven to reduce around 88% wear in all cases, and with its ever growing popularity which has been somewhat disguised by the main-stream media, customers are now coming from as far as the USA, Canada and Asia too.

Richard believes that his award-winning



products are a simple and affordable solution to provide engines and other mechanical units with the health and longevity they deserve. University professors have termed the performance of his products as 'optimising'. Most of his products are available directly from the Richard Chambers GmbH website, with the ultimate goal to produce products which in turn can help the environment and energy costs, and preserve the life of your machines. With the Powerboss the electricity consumption of electric motors, and their wear, are also optimised. Richard Chambers GmbH is the obvious choice. No customer has yet disputed the claim that the ROI is at least 700%, so it's not just beneficial for the environment!

For more information about products and services from Richard Chambers GmbH, send your questions by e-mail or alternatively visit the Chambers website.

chambers@qmi.de
www.chambers-gmbh.de

The Chambers family, farming for nearly 500 years near Downpatrick, has been involved in the automotive industry since the start of the 20th century and was building cars in Belfast until 1928.

Richard Chambers, the nephew of John Chambers, who was heavily involved as chief engineer for tractor-inventor Harry Ferguson, was involved in the restoration of his uncle's vintage car while he was a child. By the age of just 13, Richard had accumulated enough automotive knowledge to later build his own car.

Richard's father was also working for Ferguson, running the international Ferguson School. Richard himself would attend the sessions as a child and was often invited to demonstrate the performance of Ferguson tractors during his school holidays all over Europe including Spain, Belgium, France, Germany and Italy. He also attended night-school in Leamington Spa to learn further languages before his holidays abroad.

Innovative Storage and Retrieval Solutions from Kardex Remstar

Best Practice is pleased to announce that Kardex Remstar has been selected to receive our **Commitment to Excellence Award**, for their outstanding dedication to providing innovative automated storage and retrieval systems (ASRS) for a wide range of industries.

Kardex Remstar specialises in the research, development and manufacture of goods handling solutions which have wide-ranging applications across the whole intralogistics sector. Although the company has evolved significantly over the years, the one thing that has remained is their innovative and creative approach. They have successfully installed over 140,000 solutions together with their own software packages all across the world. With headquarters in Switzerland, they operate in over 30 countries worldwide and are the leading brand within their industry segment.

As a domain expert in their area of the market, Kardex Remstar tailors all of its solutions to the customer's needs to match the latest demands in industry. We spoke to Sales Director Tom Findlay, who told us, "Kardex Remstar provides a truly consultative approach for our customers. We are not just product providers, more specialists, providing answers to stock management and process flow challenges across just about every industry sector."

Kardex systems typically offer huge space savings, but also significant efficiency gains, reducing fulfilment and storage costs, whether implemented as stand-alone units or integrated within a wider platform and connected to the client's ERP/MRP or warehouse management systems.

All Kardex solutions operate on the automated 'goods to person' principle. Uniquely, Kardex offers a wide range of equipment including their new LR35 vertical buffer module, which manages



individual totes/bins. Other options include their world leading Shuttle XP vertical lift, plus vertical and even horizontal carousel systems.

In comparison to a traditional racking or shelving approach, particularly when integrated with Kardex's own inventory management software (Powerpick Global), customers typically report pick efficiency gains of up to 400%, stock accuracy at close to 100%, and floor space savings of up to 80%.

For companies requiring environmental control, Kardex provides answers for temperature and humidity specific environments. Many solutions have been developed over the years for the pharmaceutical, electronics and food processing sectors. As a result, many household global names have adopted Kardex as their trusted partner for these types of applications.

The latest product introduced into the Kardex family is the LR 35. This is a highly efficient machine range, with superior picking efficiency to make it suitable for use in a number of industries and applications. The ability to process individual 'bins' makes it attractive to companies needing quick and accurate management of small parts. E-Commerce businesses have shown great interest in the LR35 although the system answers questions



for any company looking for a more advanced solution to small parts processing. LR35 has been already been adopted as the product of choice within a number of different sectors including automotive, manufacturing and even a chocolate-based e-commerce company.

As well as their extensive range of products and software, Kardex Remstar prides itself in offering excellent customer service. Their Life Cycle Service division offers a wide range of support packages to take care of their customers' Kardex investment. Latest developments include a new Remote Support assistance package which closely follows the Industry 4.0 ethos. Kardex technicians and co-ordinators can monitor units via a portal, where the customer's equipment will automatically create a service request if there is a fault. This guarantees fast reaction times, and the Kardex Remstar team can diagnose their customers' equipment remotely, saving time and money.

If you would like to find out how Kardex Remstar can help with your storage and retrieval requirements, head to their website or use the contact details below.

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Innovative analytical instruments from experts in freeze-drying



validated as a complete working system against standard solutions. What's more, full installation and training is offered as standard and this training includes practical tuition on interpretation of results from scientists with in-depth knowledge of freeze drying. The device is PC controlled, providing sophisticated image and data capture and analysis functions, meaning the user can make a video of their sample under analysis.



Best Practice is proud to announce that Biopharma Group has been chosen to receive our **Product Innovation Award**, for their in-house development of ground-breaking analytical instruments for freeze-drying projects.

The Lyostat Freeze Drying Microscope (FDM), the Lyotherm3 frozen state impedometer, and the MicroPress have been developed in order to identify critical events in pre-lyophilisation process and cycle development. Charis Hickey, Group Marketing Manager, told us "Our analytical instruments have been designed to provide the most advanced data on critical events in freeze drying projects to inform decision making and product characterisation stages of the project to make it as efficient and successful as possible. In addition Biopharma Group's analytical instruments have been designed with the end users in mind, solving many technical and ergonomic issues faced by those conducting freeze drying product development."

The Lyostat FDM can complete analysis in under an hour, and is supplied fully

Biopharma Group's Lyotherm3 frozen state impedometer combines Differential Thermal Analysis and Impedance analysis, meaning it is more sensitive to change within the frozen structure than other exclusively thermal techniques. The company's newest product, the MicroPress, was released in November 2018 and helps to quantify lyophilised cake robustness. Using a linear actuator, it gently compresses the cake while a load cell accurately measures the force applied. The resulting profile is then captured by integrated software and can be exported to Microsoft Excel for further analysis.

These products are mainly supplied to research and development departments of pharmaceutical and biotechnology industries, however Biopharma Group is seeing an increasing demand coming from the food production and nutraceutical industries as well. Biopharma Group has been supplying freeze drying equipment for 30 years, and conducting research and development consultancy as well as analytical lyo-analysis for 22 years. This means that their experts have experienced the same issues as their customers when it comes to characterisation and process development for freeze dry products.

By identifying the areas that could be improved for better and more successful process development and products at the critical event stages, Biopharma Group has established its own in-house NPD and



innovation team in order to specialise in the design of analytical instrumentation. This helps to improve results, which in turn inform decision making to enhance their customers' own expertise and increase their efficiency and productivity.

Biopharma is perhaps the only company worldwide working in the field of freeze drying that, in addition to research services and training programs, develops unique analytical instruments to advance the science of freeze drying in order to make the end users life easier.

For further information or general enquiries, please visit the Biopharma website. Alternatively, you can contact the company via telephone or email.

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Bespoke lift and logistics solutions with 70 years of engineering excellence



Lödige was established in 1948 by Alois Lödige, a Graduate Engineer. Now a third generation family owned business, Lödige has over 70 years' experience in providing bespoke lift and logistics solutions to an extensive range of industries. Since its conception, it has expanded internationally, serving over 40 countries worldwide and employing over 1,000 people. As a global group, however, they still maintain the values of a family company with customer satisfaction at their core.

Lödige's UK office opened in 1986, and since then they have designed and installed over 1,300 projects across the country. Their founding technology was in handling cargo for airline companies; in 1995, they signed a contract for British Airways World Cargo Terminal at Heathrow airport, with a successful handover in 1999, and this technology is still running today. Working with airlines demands efficiency and reliability, two factors which are strong foundations of Lödige's services and which are applied to every project they complete, big or small.



Indeed, they have greatly expanded their services and along with lifting airport cargo they now provide solutions for lifting goods in warehousing, retail and engineering, as well as automated car park systems and projects requiring car or lorry lifts. Over 1,300 lifts have been installed so far and they can advise on which type of solution is the right fit for each individual customer. With 24/7 nationwide coverage across the UK, their team of qualified and highly experienced engineers provide a service which is truly the best of the best.

We had the chance to speak to Michael Baul, Managing Director of Lödige UK, who told us more about Lödige's excellent services. "We are essentially based on the desire to move and lift goods safely; we don't want our customers hauling goods up and down

staircases and causing injury. Offering a vast range of product solutions and with a large back catalogue, we are unique in having over 70 years of history solving client problems, and we are constantly evolving solutions for customers. We face new challenges every day, and we always try and help: if we don't already

have a solution, we will evolve it especially for the customer."

With such an outstanding commitment to fulfilling their customer's needs and a wealth of experience behind them, it is evident that Lödige are global leaders in their field. If you would like

more information on how Lödige can help with your lift and logistics requirements, head to their website or use the contact details below.

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SSI Schaefer showcases warehouse efficiency

At the recent IntraLogisteX exhibition in Coventry, SSI Schaefer showcased two of their innovative solutions designed for picking and storage applications as well as improving material flow. The LOGIMAT® Vertical Lift Module is a small parts storage and picking solution in one system: it is a space-saving alternative in which ergonomics, safety, and cost-effectiveness are the focus. The lift module can be

used in any industry and provides targeted, efficient support for your internal processes.

Lift modules are the ideal solution wherever optimum utilisation of the available storage height is a priority. Thanks to its compact design, the LOGIMAT® fits into almost any space and works according to the convenient goods-to-person principle. Compared to conventional static storage systems,

the LOGIMAT® only requires one tenth of the storage space.

The WEASEL automated guided vehicle (AGV) masters almost all transport tasks up to 35kg, which ensures optimum material flow. Your goods will reach their destination safely and barrier-free, all with low purchasing and operating costs as well as a rapid return on investment.

SSI Schaefer has implemented

a fleet of WEASEL AGVs for the fashion logistics service provider NextLevel Logistik® GmbH, using the machines in the picking environment of a hanging goods warehouse. For this application, the structures were fitted with special fixtures for transporting the garments.

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SSI Schaefer Storage Facility holds 150 years of history



As a Legal Deposit Library since 1710, Cambridge University Library has been entitled to claim a copy of every book published in the UK and Ireland for more than 300 years. Today, the University Library collections encompass around nine million books, manuscripts and other physical items. So what happens when the University Library runs out of space to store them all?

Having recently designed and installed a similar storage solution, SSI Schaefer provided in-depth technical knowledge and design expertise to ensure the required state-of-the-art facility would not only house their important collection in a secure and controlled environment but also provide sufficient storage as it expands over the coming years.

The SSI Schaefer storage solution involved the construction of 24 aisles of high bay narrow aisle shelving with each aisle being 38 m long with shelving 11m high, providing an overall storage area at the facility of 87,000m² which offers superb storage density.

Over 68,000 dividing shelves were fitted with storage trays located on the shelves 2 or 3 trays deep, providing over 100,000 locations. In addition SSI supplied 25 high density drawer cabinets providing 600 drawers to store large format maps and documents, located within the shelving at ground level.

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Specialists in storage

Established in 1937 by Fritz Schaefer, SSI Schaefer is a German, family-owned business. With the headquarters based in Neunkirchen, Germany, the company are proud to say they have more than 55 subsidiaries worldwide and have nearly 10,000 employees. Andover, Hampshire is home to the UK operations side, purchasing, finance, design, and general sales as well as the UK distribution centre.

The rapidly expanding Midlands-based operation at Towcester houses Automation Sales, IT, Customer Services, Marketing and Project Management.

SSI Schaefer specialises in the supply of

automated materials handling solutions and storage equipment.

For over 75 years, the company have been involved in developing systems which enable them to provide customers with solutions that are tailored for the storage of their products. The company's product portfolio ranges from pallet racking, shelving storage systems and metal & plastic containers through to complex automated storage and retrieval systems and IT control.

Customer service is at the heart of the company which is why they see their customers throughout the whole process, from buying

to installing and aftercare.

We asked Mike Alibone of SSI Schaefer what the company's plans for the future are, in which he responded, "Our customer base is as diverse as our product portfolio, which enables us already to offer solutions to almost all areas of industry.

As an organisation in the UK, we will continue to grow - particularly as we complete more



installations which become reliant upon our providing an ongoing support and maintenance service."

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Beecraft Limited: Established in 1989



Beecraft Limited, a UK based company established in 1989 is one of leading manufacturers and distributors of warehouse, logistics and material handling products. Located in Middlesex, they specialise in plastic pallets, bulk boxes, plastic containers, health and safety products and freezer spacers.

Beecraft Limited together with Nortpalet™, a leading Spanish plastic pallets manufacturer, have recently launched a unique and innovative range of durable plastic pallets, which come in a variety of sizes, are of the utmost quality and offer consumers the option of customisation according to their business needs. The new Display Mini Pallet, which comes in a size of 800x600mm, is specifically designed for retailers due to features such as easy reparability and the ability to increase the loading capacity, as compared to other pallet manufacturers. Mercadona, which is the largest supermarket chain in Spain and occupies 23% of the total market share, has purchased more than 1.5million of these pallets and currently uses them in over 1,400 of its stores.

The Reinforced Nestable Europallet, designed with three runners for optimum performance in rack systems and made from recycled resin weighs only 17kg, which is 34% lighter than other leading pallets. It can support a weight of up to 1,000kg and is appropriated for industries that specialise in the transportation of packaged and boxed items, or where cross-docking operations are implemented.

The lightweight one-way export pallet is an economic, yet strong product, which is designed from multiple uses across many different industries. Weighing just 5.5kg, it is ideal for exporting consignments and can carry products that weigh up to 1,000kg.

The best news, above all, is the Heavy duty Multi-use Pool Pallet, which is available with 3, 5 or 6 bottom runners. It is now a reality and will better serve the logistic needs of different industries such as salt, sugar, flour, beverage, agro food, pharmaceutical, automotive, chemical and many more. The pallet is made of recycled PP, weighs only 23k and thanks to its special design, it can carry a static load of 5,000kg, a dynamic load of 2,000kg and a racking load of 1,000kg. The Full Perimeter runners also make this product suitable to support up to four pallets on top of each other in a mass storage environment.

NORTPALET using the latest state of the art technology combining strength and design options enable the pallet to be use in many different industries and to be compatible for extensive use.

The high specifications including reinforced upgrading the loading capacity to high level of weight on racking and Drive in Racking This intelligent design gives flexibilities of each pallet to be repaired and replaced part of the pallet bring it to a full use again with just minimum investment and no need to replace the whole pallet.

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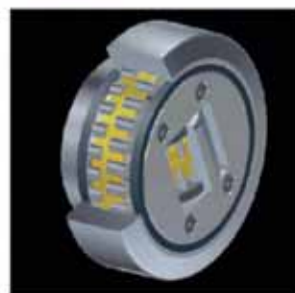
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Manufacturing excellence

Benefitting from over 40 years' experience, BTM Automation Products (UK) Ltd are renowned for their exceptional sheet metal clinching machines, hydraulic press machines and pneumatic press machines.

Based in Bedfordshire, the company is a UK distributor for BTM Corporation and was established as a specialised equipment provider known predominantly for its knowledge of bending tools and manufacturing (hence the name BTM). Today, their outstanding products and service attract customers across the UK, America, Europe and Asia, benefitting customers in the Automotive, Lighting, Heating, White Goods and many other industries.

BTM's flagship technology is the Tog-L-Loc, which has continued to be extremely popular since its start up. Simple, economical and efficient, this sheet metal clinching technology is the efficient solution to meet all your metal joining needs. It has proven particularly effective as an alternative to spot welding, riveting and other such conventional modes of joining, as it is consistent in its function and has leak-proof joints and a long tool life.

In addition to Tog-L-Loc, BTM also provide aluminium clinching technology 'V-Loc,' a harder rotation resistant version of Tog-L-Loc called 'Lance-N-Loc' and leak proof version 'Oval-Loc.'

For more information on these specialist products, visit the 'product' section on the website listed below and download the information sheets or you can contact the company by phone and speak to one of the friendly and helpful team.

Whether it is a simple hand held unit, robot cell or special purpose machine, BTM has the right solution for you.

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Below are typical examples of how Tog-L-Loc® can also save on the cost of consumables such as rivets, nuts & bolts, weld tips and adhesives.



- ✓ **Lit-L-Loc® Hand Gun with Hydraulic Intensifier:** An inexpensive tool for low volume production. Capable of joining a maximum thickness of 3.0mm mild steel.

Various strokes & throat depths available

- ✓ **BTM Small Production Presses:** Either pneumatic, hydraulic or pneumohydraulic systems can be designed and built to your specifications
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Various strokes & throat depths available

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Several sizes and styles available

Why you need leaner processes!



Customer demand is changing the way products are delivered. We have seemingly less time than ever before and with the growing culture of app-based 'click and collect' permeating society, companies are now having to satisfy their customers' needs, faster and more accurately. The introduction of warehouse automation is vital to addressing this requirement.

This isn't just consumer goods, more and more companies are offering 24/7 deliveries and this is putting greater strain on the factories that have to manage these processes.

Flexibility is key here as instead of continuing to rely on rigid logistics concepts, more and more companies are turning to flexible systems to effectively manage their internal warehouse.

Flowtechnology UK 'FTUK,' is a major provider of fluid power products in the UK, they recognised a need for a more efficient storage system for its constantly expanding product portfolio. Rather than move premises they invested in 16 Kardex Shuttle XP vertical lift systems ASRS which optimised their current warehouse space and as a result, their productivity increased by more than 300%, whilst picking errors went down to almost zero.

For Flowtechnology, optimal productivity was essential for the handling, storing and retrieval of their stock. Many companies have different kinds of stock and Kardex understand the need to provide dynamic and flexible storage solutions no matter what needs to be stored. Stock with extreme dimensions and heavy goods require well-thought out storage logistics and goods with a total weight of up to 5,000kg per tray can be efficiently integrated into storage logistic processes. Using flexible designs such as vertical lift systems Kardex is focused on optimising the use of available space, making the most of existing ceiling height and minimising footprint.

From efficient hardware to fully integrated systems, our solutions can store thousands of items from small goods such as nuts and bolts to large items. Kardex provide maximum productivity, performance and safety, improving your ergonomics and efficiency, making optimal use of the available space to secure long-term success and profitability.

Kardex has a long history of innovation working with organisations that recognise the short and long-term benefits that automated storage and retrieval systems can bring, delivering on the promise of improvements in labour, space saving and faster picking times. To learn more, contact us by email at: info.remstar.uk@kardex.com or call us direct on: +44 (0)1992 557237.



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Muller Coax are the original designers and manufacturers of coaxial valves having established the company and product in 1960 and are established in many industry sectors supplying valves to many diversified blue chip companies and organisations worldwide including Siemens, Rolls Royce, BNFL, and many automotive plants where the valves are specified for use.



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Manufacturing class-leading products is in our blood; we were the first steam boiler specialist to manufacture a superior, energy-saving four-pass steam boiler. And we're the minds behind an innovative reverse osmosis unit which delivers high performance for around half the cost of alternative products on that market.

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As well as manufacturing our flagship steam boiler at our purpose-built facility in Essex, we are the OEM partner for the Bosch range of horizontal boilers and also supply a wide variety of electric and hot water boilers, ancillary equipment, reverse osmosis (RO), plant rooms and skid assemblies. An independent company, we have complete control over our product range, ensuring the highest standards of equipment manufacturing.


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CFB Boilers is a family-owned business that's been established more than 120 years. All of our engineers benefit from experience that's been collated over more than a century - expertise that then becomes the advantage for our customers.

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New distributorship for Cinderella Eco Solution

LeeSan has become the Sole distributor for Cinderella Eco Solution incinerating toilets. 4 different toilets will be available very soon running on Propane Gas or 240V.

Cinderella Motion represents an entirely new concept for waste handling in Off-the-Grid locations, Marine craft, mobile homes and recreational vehicles. It is now possible to get rid of toilet waste in a hygienic and simple manner. The end product is just clean ash. The toilet may be used around 70 times before emptying is required. Cinderella Motion is a further

development of the popular Cinderella incineration toilet currently installed by over 60,000 users worldwide.

An incineration toilet is a toilet in which waste products, urine and excrement, are incinerated at a high temperature, leaving only an insignificant amount of ash.

Available around the world for decades, incineration toilets are a commonly used alternative in mountain cabins, remote areas, tiny homes, off-grid structures and other residential and commercial

applications without easy access to public utilities. Since incineration toilets do not require the installation of a water supply or costly septic systems, and do not demand ongoing and messy work to process waste, their slightly higher unit price is heavily offset by lower maintenance over time, providing a substantially lower total cost of ownership than other solutions, both in terms of money and headache.

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Large-diameter pipe lining leads way to wildlife revival



Drainage specialist Lanes Group plc has used fold-and-install large-diameter lining technology to rehabilitate a pipe that that will play a crucial role in creating Europe's largest man-made nature reserve.

It has deployed a pillow packer to install a series of point repairs inside a 1,220mm diameter inlet pipe supplying water to an area of land being turned into the Wallasea Island Wild Coast.

The Royal Society for the Protection of Birds, which manages the site on the Thames Estuary in Essex, has a 20-year project to turn farmland into a wildlife-rich saltmarsh twice the size of the City of London.

Rehabilitating the pipe was an important step to allow tidal water from the River Roach to flow into a lagoon, one of a number being created to transform 670 hectares of farmland.

Main contractor Bam Nuttall commissioned Lanes Group's East London depot to line the pipe, using a novel approach that ensured the project could be completed with minimal disruption to wildlife and least cost.

The Lanes team used a pillow packer to install five point repairs, also known as patch liners, to rectify defects and strengthen the pipe so it can withstand high water flow rates, especially during high tides.

The pillow packer was lighter and easier to handle than a conventional liner packer. It could be folded to a width of 450mm and installed without an entry manhole having to be dismantled and rebuilt.

Once inside, along with each liner, the specialist packer was inflated using compressed air, pushing the resin-impregnated glass reinforced plastic (GRP) liner against the pipe. The liner could then be left to cure in ambient temperature before the packer was removed.

The Lanes East London depot has invested in two pillow packers, each capable of being used to line circular, egg-shaped or ovoid pipes with diameters of 600mm to 1,300mm. The packers are available for deployment across the UK.

Lanes East London Regional Manager, Mark Scott oversaw the installation carried out by the depot's in-house lining team.

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Drilling deep to success

UNISIG is the world's leading supplier of the complete deep hole drilling system, offering machines, tools and automation systems whilst working closely with each and every customer to ensure that their drilling project requirements are met. A complete dedication to support and customer satisfaction helps stand UNISIG out as the number one supplier worldwide.

Founded in 1981 by Swiss Industrial Group (SIG) and the US company United Technical, UNISIG provided deep hold drilling equipment technologies to the US market.

A company called Entrust (established in 1973 by John Korosec) acquired the UNISIG brand in 1995 as a product division of Entrust and this coupling helped UNISIG redefine performance expectations in the deep hole drilling market, worldwide. Ever since this merger, UNISIG has dominated the market with its industry leading technologies and continues to radically reduce lead times on projects through its innovations and expertise. I had chance to interview Philipp Steimle, Managing Director of UNISIG's European Sales branch to find out more about the company.

"UNISIG deep hole drilling systems consists of machines, durable tooling and automation, and are designed to meet the highest performance standards possible. Products are engineered and manufactured in the USA using metric



hardware, and include the integration of premium components such as FAG, INA, Parker, Rexroth, Rohm, Schunk, SKF, Wittenstein Alpha and ZF. Products are designed following all applicable ISO, DIN and IEC standard, and are exported worldwide."

UNISIG supplies their products and services to a wide variety of clientele including automotive, defence, oil and gas, energy, aerospace and medical companies to name a few, but any sector that needs deep hole drilling will benefit from what UNISIG offers.



"UNISIG deep hole drilling machines are proven with industry leading manufacturers in all regions of the world. UNISIG is chosen for its ability to consistently meet vital demands of tolerance. UNISIG stands out among industry players for its skills in handling large, complex projects including multiple machines and automation, process development and tooling testing, as well as custom engineering and turn-key projects."



UNISIG's latest line of machines, aimed at the mould industry, follow UNISIG's usual trend of creating solutions that are refined and efficient. Mould manufacturers are faced with the challenge of handling large workpieces that require deep hole drilling as well as machining with maximum precision. UNISIG's mould drilling and milling machines are specifically designed with market input to combine operations, reducing setup time and effort,



increasing accuracy, and eliminating design restrictions of traditional machining centres.

"We are currently releasing a whole new line of machines targeted to the mould industry, models USC1, USC2, USC3 that can finish mould production in maximum 2 setups which cuts down production time dramatically while being extremely cost-effective."

If you would like to find out more regarding the deep hole drilling machinery, other products and services UNISIG offers follow the link below for their website, or alternatively speak to them directly regarding your requirements and UNISIG's professional and friendly team will support you every step of the way.

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UNISIG is one of the largest producers of deep hole drilling machines and a leader in technology, innovation, support, and service that our customers rely on to be competitive. Our customers include small job shops looking to expand their capabilities, to large OEM's that need to drill millions of holes.

We offer the entire deep hole drilling system – machines, tools, and automation. We provide technical expertise, training, and remote as well as on-site service to help maximise the value of the investments our customers have made.

UNISIG machines are engineered and manufactured in the USA for our global customer base. Our machines can be installed and supported anywhere in the world. We have installations in the Americas, Europe and Asia and provide the technical support and service our customers need to stay productive through the life of the equipment.

We believe our success stems from a very strong understanding of the deep hole drilling process, drilling tools and their applications. We have a long history of achievement, regardless of the technical challenges.



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Eco-friendly graffiti removal



Through its patented, mobile Tornado ACS vacuum-blasting system, the systeco company in Berlin offers an efficient

method to remove graffiti from surfaces without having to resort to pressure cleaning or to chemicals.

Since the cleaning system is a closed circuit and any pollutants are filtered out and separated inside the system, there is no need to remove any dirt, water, detergents or residual substances afterwards.

Special protective clothes are not required and the work can be carried out in public, both inside buildings and outside. This is said to make the job

of removing graffiti a lot easier.

The systeco company guarantees the solid quality of its products for the eco-friendly cleaning of polluted surfaces both indoors and outside.

According to the company, its patented TORNADO ACS vacuum-blasting system stands out due to its eco-friendliness, safe operation and high economic efficiency.

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Europe's leaders of Odour Control and Biogas Cleaning Units

Anua Clean Air International Ltd is one of the UK's leading suppliers of odour control and biogas cleaning units. Originally established in 1990, the business was recently taken over in 2015 by Ian Phillips, whom partnered with long term distributor Air Clean Srl. As a result of this takeover, the company is now world-renowned as a leading international supplier of patented clean air bio-technologies.

Specialising in the provision and maintenance of proven, high performing, clean, biological air filtration technologies, Anua Clean Air Services are accredited for



providing first class biological air filtration technology with the lowest life cycle cost. Concentrating in odour control for waste water treatment, solid waste, VOC and food industry treatment plants, Anua Clean Air Services ensure that with every odour control cleaning unit, each client is getting the most out of their air-filtration technologies.

One highly sought after product is the Mónashell biofiltration system, a popular alternative to chemical scrubbing and carbon adsorption. Recognised for its optimal odour performance, this cost-effective cleaning unit generates a 67% footprint reduction and can even treat high and variable concentrations of numerous organic sulphides. All of the biofiltration systems which Anua Clean Air Ltd manufacture and install, including Mónafil and CrumRubber models, are patented proven systems.

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Facilities Management News

Donations are in the bag for British Heart Foundation

TC Facilities Management (TCFM) have created a national charity partnership to help the British Heart Foundation achieve its aim of beating heartbreak forever. The partnership commenced 6 weeks ago and has set its sights on raising £5K of funds for the charity that conducts ground-breaking research in to heart and circulatory diseases and their causes.

Heart and circulatory diseases kill 1 in 4 people in the UK, causing heartbreak in every street. Fiona Ellingham, Marketing Manager, TCFM has had a number of family members affected by heart conditions including a niece



who required a heart transplant aged just 5 and a brother who thanks to a special pacemaker, his heart is able to maintain a stable rhythm to keep him alive.

"Speaking with other colleagues at TCFM, it became very apparent that I was not alone in having family members affected and so the partnership was born.

"At the moment, our colleagues are busy having clear outs at home and filling bags with unwanted items that can be sold in the BHF stores across the country. In the last 6 weeks colleagues from all over the country have collected more than 50 of the 300 (minimum) bags of items we're aiming for.

"We have a number of other activities planned through the year that will not only raise funds for BHF but will also train people in how to do CPR, something which saved my brother's life over 2 years ago."

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Extra Sparkle to Poundland

TC Facilities Management (TCFM) is bringing some extra sparkle to Poundland having secured the contract to deliver window and external signage cleaning across the country. The contract being delivered by a team from TC Specialist Services, part of TC Facilities Management (TCFM), started last month. It provides window cleaning services to every Poundland store, 4 DCs and their admin offices in the UK along with each Dealz store in the Republic of Ireland.

The contract being delivered by a team from TC Specialist Services, part of TC Facilities Management (TCFM), started last month. It provides window cleaning services to every



Poundland store, 4 DCs and their admin offices in the UK along with each Dealz store in the Republic of Ireland.

The team from TC Specialist Services are ensuring that the standards of appearance to the windows and external signage of each site will help to create a welcoming, fresh and engaging environment for Poundland's customers and suppliers.

The contract utilises innovative software which will help to deliver robust scheduling, monitoring and management reporting to Poundland.

In addition to this contract win, TC Specialist Services have also secured an extension to the contract to clean the windows at 678 pubs and restaurants from Mitchells and Butlers' portfolio which includes Harvester, Ember Inns, Vintage Inns, Toby Carvery and Miller & Carter to name a few. This takes the total number of sites cleaned by TC Specialist Services to 2390.

Contact
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www.tcfm.co.uk

A hat trick that our clients will tell you is well deserved

TC Security Services, part of TC Facilities Management (TCFM), have not only been placed in the top 2% of all SIA listed companies within the Approved Contractor Scheme in the UK, they have also passed the ISO 9001 and 14001 management systems audits which came in to force last year.

The 4-day visit by both auditors involved full scrutiny of the TC Security Services operation and for the ACS audit included visiting both the Head Quarters and satellite offices along with a mix of varied customers.



The maximum overall score on the ACS audit that can be achieved is currently 175 points. TC Security Services' score of 164 places them not only in the top 2% of all SIA listed companies within the Approved Contractor Scheme, it also showed an

increase in the score awarded by the auditors in 2017. All this shows TC Security Services as one of the very best security companies in the entire country.

Coupled with this was passing the ISO 9001:2015 and 14001:2015 management systems audits. This was the fourth time these new quality standards came in to effect September 14th last year which have been audited and passed each time.

T +44 (0)1737 814016
info@tcfm.co.uk
www.tcfm.co.uk

Celebrations with a lot of heart

We're all celebrating smashing the TCFM £5K challenge, after just 5 1/2 months of the charity partnership going live.

This has been achieved through a number of activities, but most notably bagging up unwanted toys, clothes, CDs, books, DVDs and a whole host of other household items that are then sold in the BHF charity shops across the country.

Everyone has tried to get on board to help our charity partner, the British Heart Foundation. They conduct ground-breaking research in to heart and circulatory diseases and their causes.

The remainder of the year will see colleagues at TCFM continue with the BHF's Bag it! Beat It! campaign along with other activities that are being planned on a more local basis.

BHF were selected by TCFM as a way of providing more than just their specialist services to the



charity's network of Furniture and Electrical stores where we professionally clean every item of donated soft furnishing.

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info@tcfm.co.uk
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Quality audits score a clean sweep

Following a rigorous 2-day assessment, TC Facilities Management (TCFM) has successfully passed three external management systems audits including the new ISO 45001:2018 standard. This and the other new 2015 versions for ISO 9001 and the Environmental audit ISO 14001 were all passed without any non-conformities or observations, emphasising the commitment of TCFM's senior management to these standards.

The audit took place over two consecutive days and included a comprehensive review of company policies and processes. This was to assess TCFM's approach to the quality (ISO 9001) and safety



(ISO 45001:2018) they provide to their customers and colleagues, as well as the measures they take to minimise TCFM's environmental impact (ISO 14001) from their operations.

The new ISO 45001:2018 is believed could help, on a global level, save more lives, reduce accidents further and improve employee morale. Organisations have until March 2021 to make the transition to the new standard that came in 2018, replacing the BS OHAS 18001:2007. TCFM's achievement in making the transition to the new standards is testament to the work of TCFM's Compliance Manager Richard Grafham who championed the transition. It also emphasises the senior management's commitment to these standards.

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TCFM and BHF partnership shortlisted for prestigious Cleaning Award



TC Facilities Management (TCFM) has reached the finalist stages of the Corporate Social Responsibility category, CSSA Awards 2019.

This is for their work with the British Heart Foundation; the charity that conducts ground-breaking research in to heart

and circulatory diseases and their causes.

The winners will be announced at an invitation only lunch event next month. This took place at the Cleaning Show on Wednesday 20th March, 2019 in London.

The CSSA awards recognise and reward excellence and effectiveness across many sectors of the UK Contract Cleaning Industry. They acknowledge everything that shines within the UK cleaning sector.

TCFM's approach has helped the British Heart Foundation raise funds for their life-saving research. This has been achieved by the services they provided in their Furniture and Electrical stores and being only a hair-breath's away from achieving their annual fundraising challenge of £5K. This has taken just over 4 months, since the National Charity agreement started in September.

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*IEEE Transactions on Industry Applications. (Volume: 38, Issue 6, 2002)

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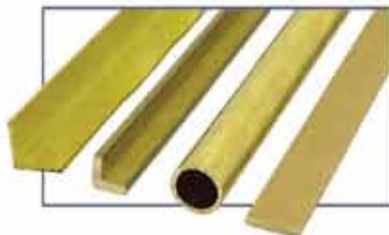
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A new benchmark in cable compliance

What does the BSI Kitemark mean to you? To most UK adults they see the Kitemark as a benchmark of quality and safety and that as the holder of a BSI Kitemark it sets you apart as a reputable and reliable company. You see the BSI Kitemark on car windscreens, on moulded plug sockets, on smoke detectors - their in your home and around you in everyday life. Once you consciously look for one you see many.

So what about a BSI Kitemark for cables? Cables are ubiquitous - part of the unseen but

essential infrastructure, all around you in both domestic, commercial and industrial settings. Yet despite it being recognised by the 'average consumer,' the BSI Kitemark isn't available on cables. It can apply to cable management systems and finished equipment involving cable, yes, but not to the cables themselves.

That is, until now. The BSI Kitemark for Cable Testing Verification is a programme regulated by and under the rigorous surveillance of the British Standards Institution, that sees cables



extensively tested against British, European and international standards in a UKAS-accredited laboratory. It's the new benchmark in cable compliance.

The value of third-party approvals

In most cases, cables are produced against an over-arching standard - BS5467, BS EN 50288-7 and so on. Many of these hold third-party approval marks from industry bodies such as BASEC, LPCB. These valuable certified marks all provide important confirmation that the cables have been independently tested and they're all recognised and relied upon by people inside industry.

But these third-party approvals don't cover all types of cables, some are only made 'generally to' or 'in accordance with' a standard, such as the commonly used SY, CY and YY cables, the difficulty in verifying the quality and compliance can leave customers confused.

Yet aside from an overall cable standard, the individual components - the conductor, the insulation and other constructional layers - are bound by their own British and European standards. For example, conductor resistance needs to meet the requirements of BS EN 60228.

Being able to show that a specific construction of cable is compliant with relevant standards is hugely important, both in terms of assured performance for long-term use, but also from a due diligence perspective and in justifying the specification and selection of that product.

BSI Kitemark Testing

BSI Kitemark testing gives demonstrable evidence that cables meet these underlying standards, as well as the overall cable standard where applicable. For the Kitemark to be applied, each component layer is tested to relevant standards and it happens on a very granular level. Cables, across the core configurations and cross-sectional area sizes have been examined and tested. This isn't a small endeavour to take on and consistently deliver.

The first Kitemark approved cables

The BSI Cable Testing Verification Kitemark has been achieved by one company, Eland Cables. The Cable Lab is their UKAS accredited ISO 17025 test facility, and they've worked with BSI to develop the scheme over the last two years.

Eland Cables launched their own range of industrial automation cables, called Veriflex® which included SY, CY, YY, Servo, PUR and fieldbus cables. As BSI Kitemark testing is designed for, it allows the company to verify the quality, safety and performance of these cables against British and European standards. For Eland Cables it's about providing consistency and continuity to a range of cables that traditionally has suffered for a lack of overarching national standards, and putting compliance at the top of the agenda in every conversation.

Final words from BSI

Paul Turner, Certification Technical Expert at BSI said, "As the first company to achieve the BSI Cable Testing Verification Kitemark, Eland Cables sets a new benchmark in cable compliance. The rigorous and extensive testing programme they undertake in their UKAS laboratory, under our ongoing surveillance, tests the cables to British and international standards for key safety criteria. The BSI Kitemark is one of the most recognised symbols of quality and safety and by certifying their cables against the scheme, Eland Cables can demonstrate that its cables meet the highest standards."

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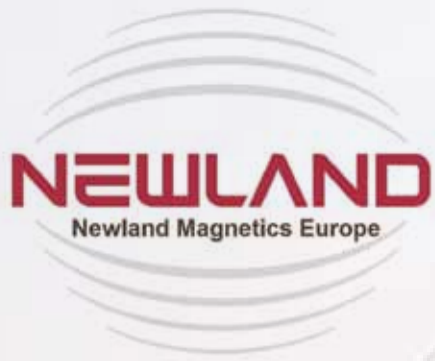
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“As the first company to achieve the **BSI Cable Batch Verification Kitemark**, Eland Cables sets a **new benchmark in cable compliance**. The Kitemark is applied to products, including the Veriflex SY, CY and YY range of PVC and LSZH control cables, under strict UKAS test parameters and subject to **BSI's rigorous surveillance programme**. The range of tests provide third-party assurance that cables meet **relevant British and international standards for key safety criteria**, making them fit for use in appropriate applications.”

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Are you gambling with evacuation?

Most building evacuations only ever happen during drills or perhaps the occasional false alarm. It can be frustrating that they don't run as smooth as you'd like but there's no real pressure, because after all it's just a drill.

You're using a verbal reporting system (roll call) and it appears to

work. Most staff seem to know what they are doing.

Your drills become a nice bit of down time for your staff, a chance to catch up with colleagues from other departments. There is often lots of noise, distractions and joking about - 'Did you burn the toast again Jill?'



In the commotion some information becomes sketchy..... to top it off your pen stopped working like it should! You're not quite clear if areas have been checked as well as they could be. But, in the end, it's not a real emergency, so there's no pressure.

But what if it were real? Roll calls can be time consuming. So, by the time the emergency services have arrived, often you're still trying to account for everyone.

If people are missing, where could they be? You have your list of names, but your workforce is made up of multiple departments, located across multiple floors - Where should the emergency services focus their rescue efforts?

Stop! Don't gamble with your evacuation... TagEvac® gives staffs and Emergency Services real time information about a buildings entire evacuation process. Information that really could save lives if the worst happens!

Utilising the zone sweep method of evacuation, paired with tag stations and a central control board, TagEvac helps to identify the evacuation progress of entire areas within a building. It's simple to set up and use, with training that only takes a few minutes.

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Utilising the recognised 'sweep' method of evacuation, TagEvac eliminates the need for time consuming role calls, speeds up your reporting times and reduces downtime during fire drills. TagEvac® takes minutes to understand and lets you evacuate your site quickly, thoroughly and with certainty.....

That's why it's the trusted solution for Industry leaders such as Lloyds of London, Coca-Cola, & The National Archives .



Key Benefits:

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- Helps reduce fire drill downtime
- Can be used in single buildings sites or across multiple sites
- Provides clarity to emergency plans and planning
- Helps simplify Fire Warden Training
- Can be adapted to changing needs
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Reaching new heights of protection from high-level damage

Workplace safety innovators, A-SAFE, have re-engineered their Height Restrictor to bring even more customer benefits.

A-SAFE is committed to providing workplace protection and safety solutions that are designed to minimise risk, injury and damage. The A-SAFE Height Restrictor offers guidance and physical protection; guarding against damage to vulnerable corners, columns, door openings and overhead assets such as sprinkler systems and ventilation pipes.

"The A-SAFE Height Restrictor has proved a popular product since launch. It can be used as a visual aid to direct traffic at the same time protecting surfaces and as flagging up any specific risks at height," reports A-SAFE's Product Manager adding, "this latest development introduces a new element of modularity. For our global clients this means the product is quicker to ship and quicker to install; reducing delivery and set-up times."

This modularity comes about thanks to two coupling mechanisms: the iFlex coupling which is a key component of the A-SAFE flexible



polymer barrier range, and unique to the company's energy absorption system; and the new in-line coupling which enables the product to be adapted to the customers' needs in terms of vertical height.

Being easier and quicker to assemble means there is even less disruption to day-to-day activity during the installation process. According to A-SAFE's Senior Design Engineer, "We are always looking at ways to improve the customer experience. Efficiency is a key driver and therefore anything we can do to minimise disruption to business as usual during installation is a key factor."

Reducing disruption and minimising downtime is an important goal throughout the product's lifetime. Thanks to A-SAFE's exclusive self-coloured polymer composition, high visibility is ensured and its inbuilt strength and durability further supports the ultra-low maintenance solution. The unique composition of the A-SAFE polymer gives the Height Restrictor a unique capacity to flex, absorb impact and dissipate impact forces whilst retaining its integrity. This enables warehouse and factory managers to concentrate on the job at hand, safe in the knowledge the product is working to safeguard the business assets effectively year-on-year.

As the inventors of the world's first industrial strength polymer safety barrier, A-SAFE's aim across its entire range is to give each customer the tools to create a safer, best practice working environment. The Height Restrictor complements this, and integrates seamlessly into the A-SAFE range of workplace protection solutions; adding valuable protection to busy environments.

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Hillside culverts cleared to reduce flood threat

The threat of flooding faced by a community in a Welsh mountain valley is being greatly reduced by a culvert clearance programme carried out by Lanes Group plc.



The drainage specialist has been commissioned by the county borough of Rhondda Cynon Taf to carry out the surface water drain and culvert cleaning work in and around Cwmbach, near Aberdare.

Debris washed down the mountainside and into the culverts during periods of heavy rain and snow melt had greatly reduced the capacity of the culverts, increasing the risk of flash flooding.

Drainage engineers from the Lanes Cardiff depot have worked closely with the county borough's own asset maintenance teams to remove and dispose of many tonnes of silt, stones and large boulders.

Specialist drainage vehicles have been playing a key role in ensuring the culvert cleaning work can be carried out as quickly, safely and sustainably as possible.

The three-month programme, coordinated by the county borough, has resulted in the systematic cleaning of drains and culverts ranging from 100mm to 1,200mm in diameter.

Lanes has deployed a recycler jet vac tanker as well as a standard jet vac machine to carry out the water jetting and vacuumation work.

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World leading printing and labelling technologies



Focus Labels specialise in the design and manufacturing of narrow web presses for use in the label and packaging printing industry. Since their establishment in 1981, the company has been pushing the envelope of design and manufacturing, first making a name for themselves with the launch of their innovative Textile printing machines for apparel labels.

Today, Focus Labels stands as one of the industry's leading manufacturers of Flexographic, Textile label and Hybrid Digital inkjet presses, with a vast client base that stretches around the world. In fact, up to 70% of their products are still designed and built for global export across the textile, self-adhesive labels, digital, packaging, and even food and drink industries.

Focus Labels champion servo and digital inkjet technology within their modular systems, allowing users to improve their press-time management and productivity, reducing waste and increasing efficiencies. Their label printing machines are also designed to be user friendly, with a wide range of automated systems that can combine both analogue & digital hybrid printing technologies. Purely British made, their in-house design team and engineers develop customised machines made specific to client needs.

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Impact offers free on-site welding assessment following HSE Announcement

The HSE announcement, dated February 2019, explains that while general ventilation was deemed adequate protection from mild steel welding fume, it is now insufficient and that Local Exhaust Ventilation (LEV) systems and Respiratory Protective Equipment (RPE) is required as a result of the findings.



The report said, "There is new scientific evidence from the International Agency for Research

on Cancer that exposure to mild steel welding fume can cause lung cancer and possibly kidney cancer in humans. The Workplace Health Expert Committee has endorsed the reclassification of mild steel welding fume as a human carcinogen.

"With immediate effect, there is a strengthening of HSE's enforcement expectation for all welding fume, including mild steel welding; because general ventilation does not achieve the necessary control."

The report means that, as an employer, you must now ensure you have adequate extraction in place to protect your workforce from mild steel welding fume, in the form of a Local Exhaust Ventilation (LEV) system and Respiratory Protective Equipment (RPE) where necessary.

If you have any queries regarding this update or would like to know more about LEV, extraction methods and air quality testing, please feel free to contact us on: +44 (0)116 2448855 or email us at: enquiries@impactts.co.uk.

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Fraser launches Roto-Clean 4900

Fraser has launched an advanced product to clean and neutralise static in injection moulding workflows.

The Roto-Clean 4900 blasts pulsating ionized air from single or multiple heads to clean a product and remove static that could attract further dust. The device consists of a dual rotary nozzle driven by a patented centrifugal control integrated into a circular static eliminator.

Bruce Clothier, CEO at Fraser Anti-Static Techniques, believes the unique device is the perfect complement to more traditional forms of cleaning and static control on the production line.

"Fraser has created a niche in cleaning and static

elimination in injection moulding environments. This includes our traditional range of 4,125 air guns, 5,100 and 5,500 airknives, and 4,510 and 4,400 nozzles. We have now developed Roto-Clean to complement the capabilities of the range.

"Roto-Clean is incredibly versatile and can work as a standalone head on a robotic arm or as an array over a production line conveyor. It has an unrivalled capability to clean complex shapes or bulky items and prevent further contamination, particularly where processes are heavily automated.



"Its design is technically advanced, incredibly flexible, extremely economical and above all highly effective."

The combination of powerful, pulsating air and static elimination gives Roto-Clean an advantage over alternative products. It will set new cleaning standards in environments that require strict quality control or when products move on to secondary processes such as labelling or decoration where they must be dust free.

The device uses less air delivered

at a lower pressure than airknives, delivered at a greater intensity of ions per cubic centimetre. An air bar revolves at 60 revolutions per second using a patented centrifugal control powered solely by air. Air from two nozzles is ionized as it passes over a circular static eliminator. The pulsed airflow contacts the product up to 240 times per second, blasting away dust from various angles including crevices. The nozzles require no additional power source.

Roto-Clean is shockless and suitable for tough industrial processes, powered by the Fraser HP power unit. Roto-Clean is available in 112 and 178mm diameters, with operational pressure from 1 to 3.5 Bar.

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