

Best Practice



Issue 644 | May 2019 | 0121 725 1587 | www.bestpracticeuk.co.uk

BEC Distribution appointed new official franchised supplier

Franchise Announcement: BEC Distribution is pleased to announce adding YUECHUNG INTERNATIONAL CORP. (YIC) to their growing portfolio of specialist Original Manufacturers as a new official franchised supplier.

YIC

Founded in 1994, YIC is a professional manufacturer of Frequency Control & GPS/RF Products. YIC are also a supervisor member of QIAT (Quartz Industries Association of Taiwan), investor PANRAM and Listed on Taiwan Stock Exchange, stock#8088. Devoted to the research, design, manufacture and marketing of Frequency Control Products, as well as GPS/GNSS Receiver Modules, GPS/GNSS Receivers (G-Mouse) & GPS/RF Antennas.

YIC's headquarters are in Taiwan, with branches in Shenzhen - China and the main factory located at Yantai - China, with ground area 8,602m², floor area 18,114m², and produce 150 Million

pcs frequency components annually.

YIC are one of few factories in the world with processes that start from cutting Quartz crystal Y, Z bar. In addition, YIC undertake customising ODM requests, and cab support customers' differential designs to develop niche products.

YIC are certified with ISO-9001: 2008, ISO-14001: 2004, D&B Duns, TUV Rheinland certifications and committed to highest standard quality.

BEC Distribution will represent YIC's complete products portfolio, provide instant stock availability, delivery information, quotations, volume pricing and organise scheduled orders.

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Revealed: The hard task of countering a concreteberg

Wastewater engineers from Lanes Group plc are working with colleagues at Thames Water to keep water flowing around a giant 'concreteberg' blocking a sewer in North London.

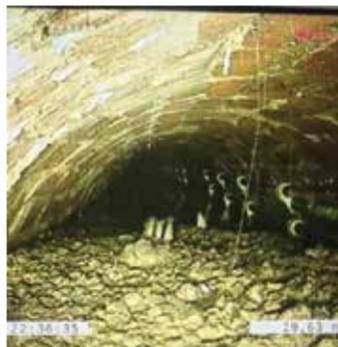
The giant plug of concrete, thought to be up to 100 metres long and weighing up to 105 tonnes, the same as a blue whale or 20 elephants, was discovered by a Lanes CCTV survey team in Goswell Street, Islington.

It was christened a concreteberg after fatbergs - large blobs of fat, oil and grease (FOG) and wet wipes that also regularly block urban sewers - and is the largest mass of the building material ever found in a London sewer.

Lanes, the wastewater network services maintenance partner for Thames Water, has put in place an emergency sewer monitoring and maintenance programme to protect local homes and businesses from sewer flooding.

The emergency concreteberg response team is made up of a seven-person confined space entry team, which includes two rescue personnel, all qualified to use breathing apparatus, a jet vac tanker team, a CCTV drainage survey team and two managers.

A parallel team of Thames Water sewer network engineers and



specialists are also working on the project to support Lanes and identify the best way to clear the concrete which is stuck fast to the walls of the 1.2-metre-high brick-lined Victorian sewer.

In the days after the concreteberg was discovered, in the second week of April 2019, Lanes personnel used robotic cameras and sewer walks to survey 550 metres of sewer to assess its impact on the local drainage system.

They then cleaned 350 metres of main sewer. This included the 230-metres of the Moreland Street local sewer that connects the Goswell Road sewer with the London Bridge main line sewer, which runs parallel to it.

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Download on the App Store



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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.

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Expert Innovators in Deep Hole Drilling Systems



Here at Best Practice, we are committed to showcasing the very best products from industry-leading companies. One such company is UNISIG, who's USC-M Milling and Drilling Centres and USC-TS Tube Sheet Machines are revolutionising the deep hole drilling industry in numerous applications and requirements.

UNISIG was established in 1981 by the Swiss Industrial Group (SIG) and the US company United Technical, and is a leading provider of complete deep hole drilling systems. In 1995, UNISIG was acquired by Entrust Manufacturing Technologies Inc., which allowed for further growth in innovation and expertise, investing heavily in UNISIG's deep hole drilling machines. Offering tools, automation



systems and machines for any deep hole drilling purpose, UNISIG is at the forefront of their industry, constantly developing their world-leading products to provide the highest quality solutions to their customers.

Their USC-M series is for manufacturers who have the opportunity to benefit from a combination of deep hole drilling and milling operations. The machines in this series maximise production by offering the fastest deep hole drilling with milling, with 5-axis positioning in order to perform a range of complex machining in a single machine and setup. Offering a full range of solutions for manufacturers, the USC-M series includes heavy weight table capacities, a rotating A-axis, automatic



tool changers and intuitive controls on each machine.

The models in the USC-M series are available in a range of capacities and options, with either engineered universal or dedicated spindles. UNISIG offers these in three different configurations: universal gundrilling and milling combination spindle with quick changeover for a range of operations in a single machine; dedicated spindles for BTA+ gundrilling and milling, for powerful machining capabilities and improved feed rates; dedicated spindles for BTA+ gundrilling and milling, plus robust options for an ultimate milling and drilling performance.

USC-M series also comes with a range of machine options, including: Heidenhain glass scales, offering direct feedback in order to improve axis positioning accuracy and repeatability; Renishaw wireless probes allowing workpiece verification, job setup and inspection; automatic radial and axial tool setup to improve accuracy and reduce tool breakage; automatic tool changers with up to 120



tools; modular fixturing to reduce setup and allow for process planning; and dual pallet loaders to allow for automatic workpiece exchange, improving machine utilisation and unattended machining.

Another of UNISIG's innovations is its USC-TS series for tube sheet deep hole drilling. Certainly, there is no room for error when tube sheet manufacturers



require thousands of precision holes in large and high-value workpieces, and this is where UNISIG's USC-TS series can help. Using multiple spindle configurations and programmable positioning, UNISIG's machines bring confident drilling to heat exchanger tube sheets.

This accurate drilling in fast cycles means that manufacturers can drill more holes with improved accuracy and without risk. The machines have almost limitless weight capacity, extremely large travels, and high efficiency BTA and gundrilling, all on a rigid machine base and column. The spindles are independent and available in two, three or five spindle configurations, and all the USC-TS machines are based on proven USC column-type machines, which have been designed for the specific demands of the tube sheet industry.



With nearly 40 years of experience in deep hole drilling systems, UNISIG is well placed to offer the very best machines in the industry, providing their customers with the reassurance of world-leading expertise and manufacturing skill. If you would like to find out more information, head to their website where you can find the full range of UNISIG's products and services. Alternatively, get in touch using the contact details below.

Contact
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info@unisig.de
www.unisig.com





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.



For more information, please visit our website: www.unisig.com
Tel: +49 (0)7125 9687590 | Email: info@unisig.de

The UK's Domed Badge Specialists



Best Practice is proud to feature Dash Dynamics for its **Best of Britain profile**. 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 has grown by around 20% each year since being taken over and this year it is on target to grow by 50% over last year, which is impressive given the current economic climate.

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 car badges, 3D and Acrylic 4D number plate letters and custom keyrings.

Providing in house design services, Dash Dynamics has 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 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.

Providing products for every area of industry, Dash Dynamics offers 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. 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. One of the core products of Dash Dynamics are their Resin Domed and 4D Acrylic Car Number Plate digits used in the production of High End Number Plates. In the last year they have sold over 250,000 Digits into DVLA approved Number Plate Suppliers. However the story doesn't end there. Dash Dynamics wanted to make the job of manufacturing surface mounted number plates easier for companies involved in this type of production.

To overcome this they spent several weeks developing a specialised Jig System to ensure the dealer had the tools to accurately and easily place the digits to the specifications laid out by the DVLA. This shows real outside the box thinking and their ability to look at issues customers may experience. An instructional video showing the number plate jig in action is on their

website making training much easier. All their Digits are available ex stock with a normal stock holding of around 75,000 to draw from instantly

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

They are also environmentally aware with solar panels fitted to their roof, recycling the waste created during production and, where possible, using aqueous printing techniques in preference to solvent based inks.



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.

Contact
 T +44 (0)1995 606158
 info@dashdynamics.co.uk
 www.dashdynamics.co.uk

DASH

D Y N A M I C S

The UK's domed badge specialist



We supply a wide range of domed badges for all industries which can be customised to include your own design, logo and details. We can print directly from your supplied vector artwork or hi-res PDF's. For a cost-effective and professional way to brand and personalise your products for your market or application contact us by phone or email with your requirements.

Here at Dash Dynamics, unlike many of our competitors, we specialise in small production runs. So if you just need a series of machine panels for a new prototype or low production run, then simply send us your artwork and we'll get on with it.



Machine
Safety/Operating
instructions

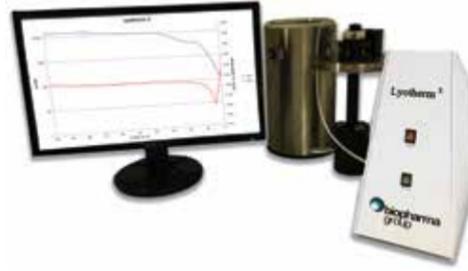
Control Panel
Graphics

Quality
Manufacturing
Branding

www.dashdynamics.co.uk

01995 606158 • info@dashdynamics.co.uk

30 Years of Excellence for Biopharma Group



Best Practice is proud to announce that Biopharma Group has received our **30 Years of Excellence Award**. This year, the company announced its 30th anniversary as a distinguished organisation offering expertise in freeze drying and processing technologies.

The company was first established in 1989 as Biopharma Process Systems Ltd, initially focused



on freeze drying equipment in the pharmaceutical and biotechnology industries. 1997 saw the formation of Biopharma Technology Ltd, created to offer a freeze drying research and development consultancy and lab services to their numerous clients. Later, in 2000, Dr Kevin Ward joined the team to

build upon the in-house expertise, services and training courses.

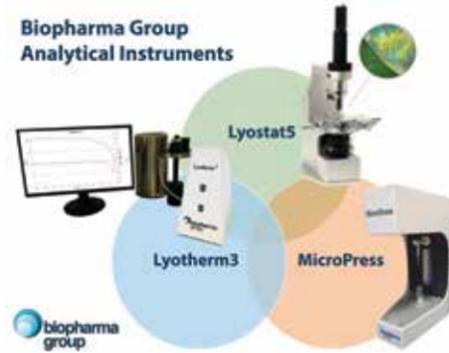
Most recently, Biopharma developed the Lyostat Freeze Drying Microscope (FDM), the Lyotherm³ frozen state impedometer, and the MicroPress, which were created to identify critical events in pre-lyophilisation process and cycle development. Charis Hickey, Group Marketing Manager, told us, "Our analytical 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."

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

Biopharma Group Analytical Instruments



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. With an impressive 30 years of innovation behind them, it is exciting to see what this world-renowned company will bring in the next 30 years, and beyond.

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Commitment to Excellence

Richard Chambers GmbH

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.

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!

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





RICHARD CHAMBERS GmbH

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Potential savings await your initiative. Save costs with more performance – no dream, easy to achieve. Savings already achieved in practice:

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- Wear up to 88% (certified)
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- Lubricants – annual cost 20 – 80%
- Lubricating work and disposal 50%
- Cyclically operating electric motors 10-50%
- Frictional losses 3 – 14%
- Truck fuel costs 6 – 8%
- Fault-searching and diagnosis time 80 – 90%
- Oil leak repair 50 – >90%
- Vibration analysis >50 – 85%

When will you begin?
What was not saved today is gone forever!
For centuries the name Chambers stands for innovation and for top performance. Generations of enduring commitment to humanity and technology remain today the guideline.

Please visit: www.chambers-gmbh.com

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Email: info@chambers-gmbh.de





Total Magnetics Solution Provider

Newland Magnetics Europe has been selected for our Best Practice recommends profile, for their industry-leading products and services. It is a subsidiary of Ningbo Newland Magnetics Industry Corporation Ltd, a Chinese company that has been manufacturing sintered NdFeB magnets and magnetic assemblies for over 12 years. In 2017,

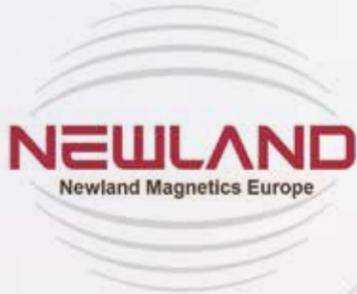
they set up their European subsidiary in France, directed by Forbes Crisell.

With over 70% of the company's sales within Europe, the company decided to set up Newland Magnetics Europe to provide additional local support, allowing customers to communicate in their own language and removing the 6+

hours' time difference with China.

"In addition to supporting the existing business we are also generating our own direct new sales within Europe, the USA and India," Forbes tells us.

Focusing on customers in automotive, medical and renewable energy industries, Newland Magnetics Europe



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 12 years. Now with an annual turnover of more than €30M, ISO9001:2015 & IATF 16949:2016 accreditation and production capacity of 1,000tons per year Newland Magnetics is rapidly becoming one of the largest producers of high quality NdFeB magnets in China.

Newland Magnetics Europe can provide material data, technical, design assistance and sampling to assist with your application.

Once in production, we can also provide a range of stocking options including consignment stocking at our location in France or within your own facility. Newland Magnetics also supply Bonded NdFeB, Flexible magnetic sheets, magnetic powder, AlNiCo, SmCo, Hard ferrite and complete magnetic assemblies.

Please visit www.newlandmagnetics.eu

Tel: +33 (0)5 45 83 99 59 | Email: info@newlandmagnetics.eu



can provide material data, technical, design assistance and sampling. They can also provide a range of stocking options including consignment stocking at their location in France, within a customer's own facility, or shipping directly from China. As well as supplying sintered, bonded and powdered NdFeB, Newland also supply AlNiCo, SmCo and hard ferrite magnet materials, and magnetic assemblies manufactured to the customer's specific requirements.

"Newland Magnetics Europe is a subsidiary of Ningbo Newland Magnetics, which allows us to provide magnetic material at the same cost base as material purchased directly from China, giving us competitive edge price wise over other European Magnet distributors," explains Forbes. "Another advantage is that we can provide the highest grades of NdFeB material and assemblies. We can achieve this by continuing to invest in new test equipment, which enables us to control all the key parameters from compounding our own magnetic powders to pressing, sintering, grinding and plating. This allows us to produce magnets and magnetic assemblies to a very high level of quality."

"Our European base makes it easier to communicate with our customers, providing technical support in their own time zone. We have also recently produced our literature in French, German and Italian in order to help our customers understand the products and services we can provide. With our storage facilities in France we can also offer a three-day delivery to any part of Europe rather than extended delivery times when ordering directly from China."

With business continuing to grow, Newland Magnetics Europe moved to larger premises providing additional office space and over 500m² of warehousing, and in the next 12 months they will be joined by an engineer from China to offer additional technical and design support. Another addition to the team was Amanda Dickinson as Inside Sales Manager, who is using her background in the research industry to help customers with their complex magnetic applications. In fact, this year she has already developed new business within the laboratory and medical industry in the USA.

Newland Magnetics Europe is committed to providing only the best quality and service to their customers in Europe and beyond. For more information, head to their website or use the contact details below.

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Leaders in tape application automation

Best Practice UK is extremely proud to present Enimac with this issues **Best of Europe Profile**.

Enimac is an Italian developer and manufacturer of tape solutions, boasting a strong client base that stretches over 20 countries. The company divides its business into three areas: standard tape application machines, custom tape application systems and tape applicator integration projects.

The company's mission is clear: "Our goal is to make our clients more productive by eliminating the production bottleneck associated with tape application. We intend to become an international reference point in the industry by providing customers high quality, functional design and production of adhesive application machines."

Excited clients are saying such things as, "We have saved so much money in labor and time going with this machine. What used to take us 6 guys 7 days by hand, now takes 2 guys 2 days. This machine is very user friendly."

"We are able to process a very matte and very black card. I did not think this would work as none of the electronic eyes in our printing presses 'see' this material, but it works just great on your machine."

The lack of compressed air means the machines have very low maintenance costs and are fully mobile. All production parameters are quickly and easily entered into the touchscreen. Enimac's patented paste and cut system guarantees speed and accuracy, as well as the ability to cut and apply a variety of adhesive tapes.



The tape applicators are individually programmable and easily read and apply tape to white, coloured, black, transparent and die-cut substrates of many materials including paper, cardboard, plastic, metal, and more.

Enimac's X-treme PRO is particularly popular, renowned for its ability to accommodate even the largest formats of offset printing, plus numerous other formats of digital printing. Tape posters,

folders, business cards, FSDU's and much more.

In the UK, Ireland and Poland, you can get Enimac products through their official distributor Newtown Packaging (www.tapemachines.co.uk).

For other international enquiries, contact Enimac directly at: www.enimac.it or info@enimac.it.



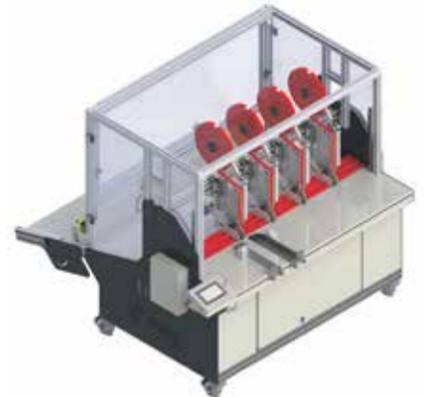
X-treme Tape applicators



X-treme LIGHT

Standard machines, custom machines, applicator head integration

X-treme PRO



Greatly increase productivity, easily tape die-cut material, program heads independently

Contact newtown, our exclusive UK, Ireland and Poland distributor on **01527 517517**, Rest of World – www.enimac.it/en

Drainage & Sanitation News

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.

T +44 (0)1295 770000
info@leesan.com
www.leesan.com



Only LeeSan truly specialise in toilets



 LeeSan Powered by Cinderella[®] INCINERATION TOILETS

240 VAC

Incineration toilet adapted for when nature calls

T: 01295 770000



TC Security Services safeguarding Avison Young

Since early January 2019, TC Security Services, part of TC Facilities Management (TCFM), have been providing guarding and mobile patrol services to Avison Young (formerly GVA). The portfolio, covers multiple and diverse locations across London and the South East.



been awarded the contract for guarding and mobile patrol services with Avison Young, we committed the resource necessary to ensure the mobilisation was seamless. We've implemented best in class technology that will provide TC Security Services and Avison Young with data and analysis to shape better decision making."

Tony Reed, CEO of TC Facilities Management added, "This award is a great result for the business and demonstrates ongoing growth for TCFM as a whole. We look forward to being Avison Young's partner of choice, adding value and providing the expertise that Avison Young need each day."

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www.tcfm.co.uk

TC Security Services welcomed 20 new colleagues to the business from a number of incumbent suppliers.

The contract commenced on 2nd January and client feedback about the mobilisation, led by Patrick O'Sullivan, Operations Manager, is very positive.

Alan Prince, Director, National Strategic FM for Avison Young commented, "We ran a full-

blown tender to make sure we appointed the right security specialist to manage this diverse portfolio of properties. Against a wide range of criteria, TC Security Services came out in front. As a new supplier, there was an added element of risk, but nearly four months after go-live, we're delighted with the decision to appoint them.

In response to the award, Satia Rai, Operations Director of TC Security Services said, "Having

TC Security Services awarded 100% Achilles Audit

Following a rigorous 2-day assessment, TC Facilities Management (TCFM) has once again successfully completed their 'Achilles' annual audit for the fourth consecutive year.

The audit saw a score of 100% being awarded in all four key areas that the audit measures: Corporate Social Responsibility, health and safety, environment, and quality.

This 100% achievement validates TCFM's operational capability, competence and compliance.

The two-day visit included an audit of both head office and a client site.

The auditor was particularly impressed by:

- The breadth of documentation to evidence the quality management systems in place
- The ongoing commitment to our duty of care of our colleagues by investing in innovative technology
- The design and navigation of the training matrix in use
- The use of the site visit report which captures the four key areas that the audit measures
- Our down-to-earth approach, doing what we say we do in a straightforward and uncomplicated way.



At the site audit, the auditor commented about the appearance, attitude and knowledge of security officers to ensure the job they do is done to the very best of their ability.

This accreditation follows the recent news that TCFM achieved a clean sweep in passing three external management systems audits including the new ISO 45001:2018 standard.

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www.tcfm.co.uk

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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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.

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Multiple new customers with £3 million sales secured

TC Facilities Management (TCFM) has secured multiple new customers for the delivery of Cleaning & Window Cleaning Services in the Wholesale, High Street & Commercial Office sectors across the UK.

The contracts, worth £3 million per annum, will see over 300 colleagues join TCFM up and down the country since the contracts started going live from 1st March, 2019.

The Operations team from TCFM, jointly led by Jason Smith, Head of Operations for Scotland and Cosmin Tecuta, TCFM Contract Director, will deliver cleaning services to over 100 sites for 14 new customers.



The contracts have been awarded based on TCFM's proven track record spanning over 55 years, along with their ability to listen to the bespoke needs of each customer towards delivering what is really needed.

As one of the UK's top cleaning services providers the new operating environments will benefit from TCFM's rigorous systems and state-of-the-art

technology to help maintain and improve standards in each site along with delivering robust monitoring and management reporting to each customer.

Keith French, Business Development & Strategy Director, TCFM, who led the contract win said, "We are delighted to have been awarded these contracts and are looking forward to bringing our proven expertise to each and every customer along with playing our part in making each site a great place to work & visit."

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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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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 OHSAS 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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Your One-Shop-Stop solution with Precision Technology Supplies

Based in East Grinstead in the UK, Precision Technology Supplies Ltd (PTS) is a company dedicated to the provision of stainless steel screws, nuts, bolts, washers and precision turned parts. The leading trader has more than 28 years of experience working within the industry and boasts the largest range of high quality metric and American threaded fasteners from stock.



Because of its extensive offering and great deal of expertise in its chosen niche, PTS has become one of Europe's most significant suppliers of stainless steel industrial fastenings and precision turned parts. Its selection is incredibly far-reaching, and includes the following items: nuts, hexagons, shoulder screws, studs, self-drilling screws, retaining rings, drive bits, washers, machine screws, slotted grub screws, knurled fasteners, woodscrews, screws for plastics, rivets, allied products, socket screws, security screws, pins, self-tapping screws, chipboard screws, pipe plugs and Bumax.

As well as its impressively vast selection of accessories, PTS can bring to the table almost three decades of experience in the management of an increasing number of customer production lines and, with its knowledge of Direct Line Feed operations, the team of professionals can competently provide solutions appropriate to unique client applications.



If you are looking to source a particular product or if you would like further information about what type of part would best suit your specific

application then please don't hesitate to contact PTS. You can get in touch with a knowledgeable expert by telephone or email or you can visit:

www.pts-uk.com to find out more.

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One of Europe's leading importers and distributors of Stainless Steel Fasteners and Precision Turned Parts

PTS Ltd have over 25 years experience managing a growing number of customer production lines on-site to ensure 'just-in-time' delivery. We offer many variations of Direct Line Feed management to suit individual needs.

Plating

We have the facilities to plate standard and special screws in most materials. The most popular of these is our 'Touch-Dry' Chemi-Black process, currently used by an increasing number of customers in high-tech industries. Also known as 'Black Oxide', the finish is so thin it does not affect any dimensional tolerances.

Other finishes offered include Gold, Nickel, Silver and Zinc (Rohs Compliant).

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Ideal for vibration resistance and added torque performance. We offer a number of options to suit your requirements.

Screw Modifications

We provide a modification service for our customers from 1.6mm diameter fasteners upwards to customer drawings and specifications. This can be a cheaper and faster option than manufacturing, especially where smaller quantities are concerned.



For more information, please visit: www.pts-uk.com

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High quality and cost-effective Vibration and Product Test Solutions

Best Practice is proud to announce that CentraTEQ has been chosen to receive our **Commitment to Excellence Award**. CentraTEQ - Central Testing Equipment - was established with the purpose of offering something new to the market. Using their extensive industry experience, they provide complete solutions for the vibration test and product test fields, no matter the requirements or budget of their client.

CentraTEQ boasts the flexibility to put together solutions from multiple suppliers, in order to ensure the most efficient and cost-effective package for their clients, as well as being the sole UK distributor of ETS Solutions Electrodynamic

vibration shakers. Indeed, CentraTEQ can put together a solution to meet the lightest of budgets, without compromising on quality.

Certainly, in times of uncertainty and restraint, this flexibility is an essential quality. In addition to this, they can offer quality new equipment which is fully supported in the UK for spares and repair, along with having access to a range of second user solutions which can be mixed with new amplifiers and other equipment. CentraTEQ also provides a range of vibration controller solutions from low cost low channel to high channel, as well as offering a full range of accessories and services. Indeed, CentraTEQ's solutions are all-

encompassing, designed to meet their clients' actual budget and individual requirements.

Their high quality products and solutions include: vibration shaker solutions with electrodynamic shakers in an array of sizes; amplifiers to replace or upgrade an existing amplifier in order to improve shaker performance; vibration controllers with all control modes; slip tables; head expanders, fixture design and build; package and shock test; sensors including accelerometers, force, torque, sound, displacement, velocity, and pressure; and high speed contact measurement for electrical testing during environmental testing. What's more, CentraTEQ boasts exceptional services for

their clients, including full installation, repairs, rewinds and general maintenance.

If you would like to find out more information on how CentraTEQ can help your vibration test and product test requirements, head to their website or get in touch using the contact details below.

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Precolor: Specialists in WRAS approved water tanks

Precolor are the proud manufacturers of the largest range of WRAS approved water tanks in the UK. Precolor also offer a range of Semi Sectional Water Tanks and Sectional Water Tank Panels that can be made to specific sizes.

Precolor began as a partnership over 50 years ago and by 1975 were officially registered. Precolor are also a family owned company that have spanned a number of generations. Since their initial establishment, the company have grown considerably and in recent times, Precolor has begun to lay the foundations for the British and European standards. Interestingly the company were part of the working group that drew up the standards that all approved water tanks now comply with.

Precolor are opportunely based in the Midlands, enabling easy access to all parts of the UK, including ports for exporting. Precolor design, manufacture and install all of their products,



permitting control of production schedules and costs, whilst keeping overheads to a minimum. The company also champion invested into research and development to strive towards the introduction of new innovative solutions.

Moreover, Precolor's GRP one piece water tanks have been specifically designed to meet the stringent requirements of BS EN 13280:2001. All of Precolor's

tanks are also fully tested and approved for current water regulations and are specified throughout the UK by Country and District Councils, Consulting Engineers and Architects. In addition, Precolor's tanks are light in weight, easily handled and resistant to corrosion and attack from bacteria, which can be expected in cold water systems.

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Experts in Life Extension of Materials & Critical Components

Curtiss-Wright have a commendable history behind them, having been founded by three of the world's most celebrated aviation pioneers, Orville and Wilbur Wright and Mr. Glenn Curtiss, one of the forerunners of naval aviation. Their companies, the 'Curtiss Aeroplane and Motor Company' and 'Wright Aeronautical Corporation' merged in 1929 in order to create Curtiss-Wright. Today Curtiss-Wright is one of the world's leading advanced engineering companies, having diversified and branched out into numerous different technologies across multiple sectors, including commercial and industrial, defence, power, metals, aerospace and much more.

At the turn of the 21st century, Curtiss-Wright had grown into a multi-national company, with global sales of over \$2 billion and having acquired almost 60 businesses. Many of these companies still operate under their original name, such as Metal Improvement Company, Bolt's Metallizing, IMR Test Labs, Component Coating and Repair Services and more who now are part of Curtiss-Wright Surface



Technologies. These various divisions offer a wide variety of different specialised surface treatments such as thermal spray coatings, solid film lubricants, shot peening technology and much more.

Curtiss-Wright Surface Technologies, one of their most well-

known and international subsidiaries, specialises in providing material surface treatment solutions, focuses on enhancing the performance of critical materials and components. As many of their clients are in heavy engineering based industries, critical components are often of vital importance. Not only do they need to be specially designed to precision specifications, but they need to be long lasting and properly maintained too. Curtiss-Wright Surface Technologies can offer clients a comprehensive material treatments service that covers silicone, plastic and electronic components, coatings, shot and laser peening, material analysis, testing, repair and maintenance.

Curtiss-Wright Surface Technologies can provide mechanical and metallurgical testing services for a range of different materials and components through IMR Test Labs. Curtiss-Wright Surface Technologies uses only the most advanced technology and methods in order to conduct fatigue testing, thermal spray

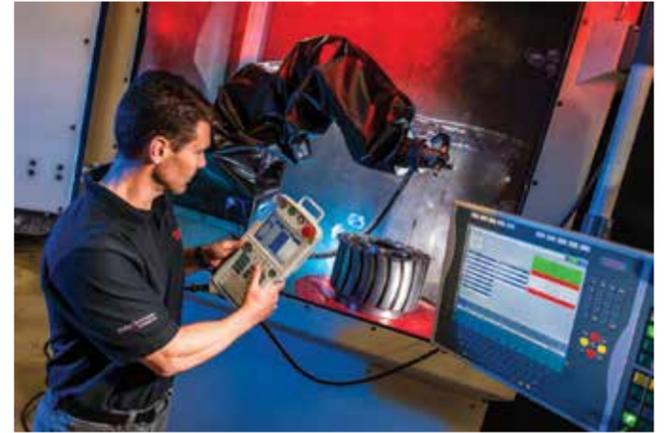


coating analyses, metallurgical and failure analyses, accelerated weathering and corrosion testing, weld testing and much more.

When it comes to engineered coatings, Curtiss-Wright Surface Technologies have a wide scope of services, including providing thermal management, corrosion and erosion, and protection and repair of turbine components. Curtiss-Wright Surface Technologies can provide protective engineered coatings or metal coatings to protect components from the environment, corrosion, heat, and wear. As they can ensure protection for components of any size or complexity, they have a vast client base made up of those seeking their protective coating services, including the aerospace, oil, gas, automotive and medical industries.



Their range of coating solutions includes thermal spray/HVOF coatings, solid film lubricants, liquid coatings, and parylene conformal coatings. Not only that, but Curtiss-Wright Surface Technologies also offer repair and overhaul for gas and steam turbine components, as well as laboratory testing and process verification for: salt spray corrosion testing, U.V testing and development of their own bespoke coating systems such as Everlube®, Microseal, and Flurene Lube-Lok®, sacrificial aluminium coatings, diffusion coatings and pre-treatments.



Metal and material surface solutions are a huge part of why Curtiss-Wright Surface Technologies has become such an internationally recognised name. In addition to their famous controlled shot peening process, the company can provide highly effective and controlled Laser Peening for components in turbine engines, aircraft structures, wing skins and more. This specialist process puts exceptionally deep residual compressive stress in certain parts of a component to prevent crack initiation and fatigue. Not only does this allow the component to resist damage from erosion, strike damage, fretting, and corrosion, but it can also better withstand pressure from both low cycle/high stress and high cycle/low stress situations. Better yet, their laser peening ensures quality control, precise application and poses no risk of process contamination.

Preventing the failure of critical components is a huge concern for clients, and is one of the most highly sought after services from Curtiss-Wright Surface Technologies. Problems can be caused due to any number of reasons throughout the component design process, whether it's the choice of materials used, incorrect assembly, or damage to the parts caused by bending, rolling or forging. Components of any type can be damaged, such as blade roots, rotating rings and tie wire holes used in Aero-Engines, fasteners and stringers used in Airframes, and torsion bars, gears and keyways, which are used to make Crankshafts and more. Thankfully Curtiss-Wright Surface Technologies have a large array of solutions, including but not limited to: C.A.S.E. isotropic superfinishing, Parylene coating, Thermal barrier coatings, Cathodic protection and much more.

If you would like to find out more about Curtiss-Wright Surface Technologies and their many specialised services and solutions, then be sure to get in contact with the company today. Alternatively, you can find out more about the company by visiting the website below, where information, animations case studies and links to their many services can also be found.

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Surface Technologies

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Increasing life and performance of critical components

Surface treatment or modification can improve and extend the operating life of components and structures, optimising performance to its maximum potential.

Range of Surface Treatments

Our wide range of surface finishing services and products include:

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 - Everlube® Dry Film Lubricants
 - PROCOAT 100™ Corrosion Protection
 - Parylene – ultra high biocompatible conformal coating with moisture and barrier protection – USP Class V1, ISO 10993 tested and MAF 1176 on file with FDA
 - Organic and inorganic overlay and diffusion coatings suited to the gas turbine and aerospace industries
- Material Analytical Services



**For more information and full worldwide contact details:
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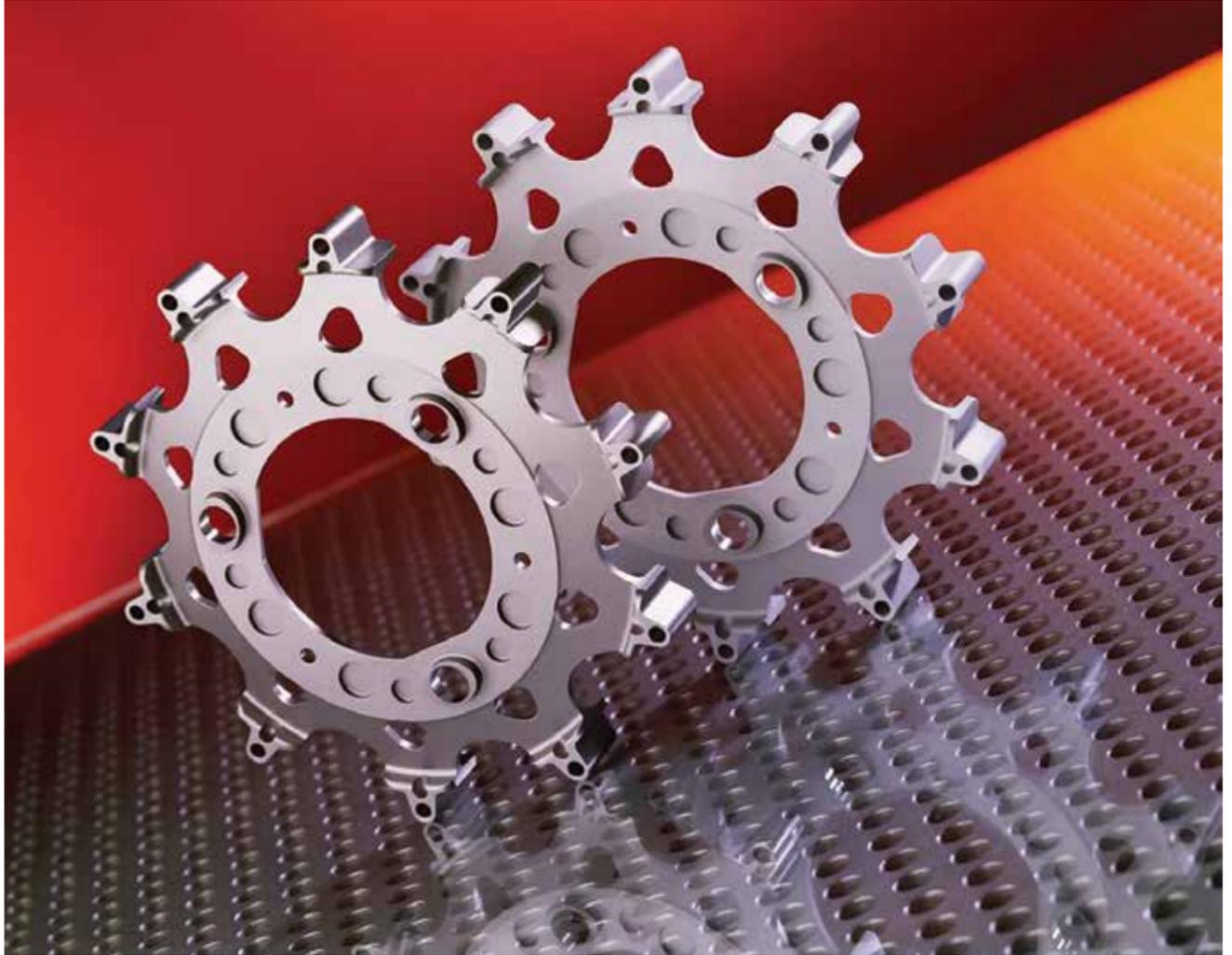
Protect your Components with Curtiss Wright Surface Technologies

When it comes to surface treatments, Curtiss Wright Surface Technologies can be relied upon for their one stop shop solutions and dedication to excellent customer service.

First set up back in 1929, the company who are a subsidiary of the Curtiss Wright Corporation specialises in providing surface treatments with the aim of enhancing the performance of critical materials and components. These treatments can be used in preventing premature failures and increasing the life of a huge range of components used in anything from a jet engine to a wind turbine.

Used in a range of industries the world over, Curtiss Wright Surface Technologies can provide material surface treatments, protective coatings, high tech processes and much more. One of the biggest concerns for manufacturers, designers and buyers of critical components is premature failure as a result of fatigue, corrosion, stress corrosion cracking, fretting, friction, galling, and environmental and thermal stresses.

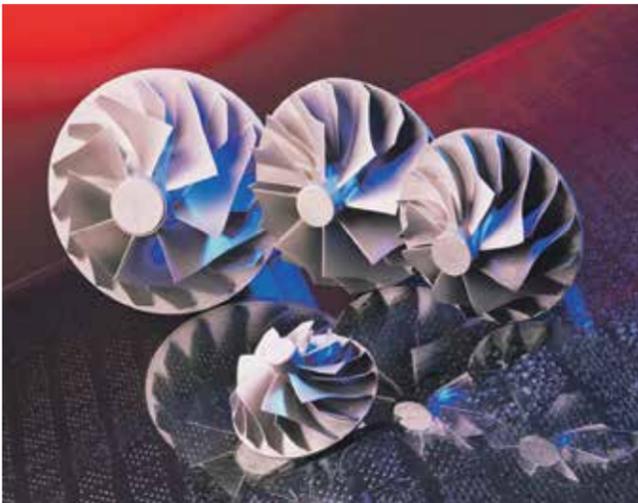
As a subsidiary's of Curtiss-Wright, Curtiss Wright Surface Technologies has a rich and long history behind them. With a global network of over 70 operating divisions, they are able to supply their



exemplary services to OEM's in a wide range of major industries, such as aerospace, automotive, oil & gas, subsea, medical, power generation and more.

Their innovative surface treatment solutions encompass Controlled Shot and Laser Shock Peening, Engineered coatings, Thermal Spray Coatings and Parylene Coatings for silicone, plastics and electronic components. They ensure that by working closely with customers from the design stage through to manufacturing they can provide a One Stop Solution for material treatments. These can be applied to new manufactured parts and also repair and overhaul including site work.

There are a number of factors that can cause premature failure and poor performance of metals



and materials which is why the services and processes Curtiss Wright Surface Technologies provide are vital in the life extension of critical components. Machining, heating, forging bending and rolling of metals can induce unwanted stresses and associated problems which can be eliminated by some of the services Curtiss Wright Surface Technologies offer.

Component repair is just one of Curtiss Wright Surface Technologies' many specialties. Their diffusion and sacrificial coatings can be applied to a wide array of components, including compressor blades, vane tips, turbine blades, intake snouts and more.

Throughout 2016, Curtiss Wright Surface Technologies expanded into the steam gas turbine repair and overhaul industries. They also successfully acquired Component Coating and Repair Services (CCRS) and expanded their portfolio to include yet many more processes.

Curtiss Wright Surface Technologies metal improvement and component coating facilities use state of the art robotic equipment which has been designed and manufactured in-house specifically for

our customers' work. They keep in the forefront of new materials and technology by maintaining strong links with industry associations and being actively involved in research and development projects.

If you would like to find out more about Curtiss Wright Surface Technologies and how they can benefit you and your components and materials, then be sure to get in contact with the company today using the number provided below.

Alternatively, more information can be found by visiting their website, where you can find more on their many services.

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A simple solution to overcome a common problem

Kevin Gosling, Environmental Health Manager Winchester City Council (pictured) says of Castor Wheels, "Throughout my career, when undertaking routine food hygiene inspections, I have seen many a wheel on moveable equipment that is dirty even within premises where there are strict controls on cleaning. If this design has the ability to keep a difficult area clean it can only be good for the food industry and any other industry that uses equipment with wheels.



met with "well we try our best but they are not easy to clean."

"This new design looks to have solved the problem by encasing the wheel with a removable and washable cover.

"If used correctly and included within a cleaning schedule they can be removed daily/weekly put through the dishwasher and placed back on the wheel in a matter of minutes.

"This seems to be a simple solution to overcome a cleaning problem not only in the food industry but any sector where mobile equipment is used. The design has also encompassed

"I have worked in food safety for nearly 40 years and have identified wheels to mobile equipment as an issue both in being clean and being capable of being cleaned due to their design. I have brought prosecutions against food businesses where dirty wheels have been part of the overall problem.

"The general requirement within European food safety legislation requires a food premises to be kept clean and maintained in good repair and condition.

"During routine inspections I will ask how a business goes about cleaning and maintaining the wheels and often I am

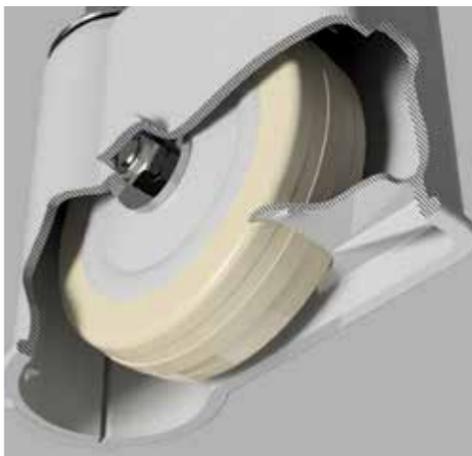
a wheel scraper to remove debris that has built up on the wheel during movement."



Nick Davis, creator of Silicone Hygiene's Castor Wheel Cover (pictured), added, "I'm looking for an Exclusive Global Licensee to acquire this turn-key income stream. 40 years of experience has led me to conceive and develop the Cover. An independent review of the markets forecast sales of 94bn+ units worldwide.

"I will be attending trade shows throughout the year with the prototype for Exhibitors and Visitors to evaluate, including the International Food & Drink Event and The Cleaning Show at the ExCel and The Health & Safety Event at the NEC. Call me on, 07928 711927, if you would like to see Prototype No.3."

Contact Nick Davis, International Patent Owner & Founder at Silicone Hygiene, M +44 (0)7928 711927 siliconehygiene@yahoo.com <https://www.linkedin.com/in/nick-davis-76787074> <https://www.facebook.com/Silicone.Hygiene>



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Litre Meter introduces its full range of flow measuring equipment designed to meet your applications. Call now to speak to our engineers and receive the best advice on how to solve your flow problems in the most efficient way. Use one of a large variety of technologies from positive displacement to Coriolis, thermal mass gas and ultrasonic. These include:

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Tricor Coriolis

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the majority of applications and the plain bores make selection simple. Where pressures north of 300 bar the TCMH can be specified which also has unique OIML137 certification for liquid hydrogen dispensing, also MID-002.

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Revolutionary Floor Coating finished at the Speed of Light

On Site 'UV Cure' Flooring Systems Ltd is the UK agent for SolidLux Instant Coating manufactured in the Netherlands. Fronted by Ian James, SolidLux is a revolution in UV coating technology. After extensive research, engineers developed this industrial grade coloured floor coating that cures immediately when exposed to UV light. What's more, it is instantly resistant to intensive mechanical and chemical wear.

"I've been involved in Health and Safety and slip testing for over 15 years," Ian tells us. "As well as providing SolidLux, I also offer pendulum slip testing in accordance with HSE guidelines, categorising the risk of workplace floors and providing a report and appropriate recommendations on how to amend any risks that are found.

"My goal is to increase awareness of UV technology and the benefits it brings to anti-slip finishes and demarcation

between pedestrians and vehicles. Shops, for instance, can have slippery floors, but they find it difficult to remedy this as traditional floor coatings take a long time to dry, often leading to a loss of trading time and therefore losing money. With UV Technology, a shop's floor can have an anti-slip coating applied overnight, meaning the business doesn't lose trade. Although the system is more expensive than other traditional methods, it eventually costs less as we eliminate the need to shut down business while the floor coating dries. Providing adequate demarcation in factories and distribution centres is difficult as many are 24/7 environments. The SolidLux Line Marking system provides the answer."

Indeed, SolidLux is an ideal solution for locations where a disturbance of regular activities can be inconvenient, including factories, distribution centres, car parks, hospitals, and residential flats. Any establishment, in



fact, where floors are always in full service; by using SolidLux, nuisance is minimised, saving time and money for everyone involved. What's more, the patented technology can be used indoors and outdoors and is available with an anti-slip finish for health and safety concerns. Long term it is easy to clean.

If you would like to find out more information, head to the website or contact Ian using the details below.

Contact M +44 (0)7818 001141 ijames@solidluxcoating.com www.solidluxcoating.com

Denso™ Steelcoat™ Protects Ayr Pipe Crossing

George Leslie Ltd recently carried out a contract for Scottish Water to remove sections of an existing coating and carry out Non Destructive Testing on a Pipebridge near Ayr. After the testing was complete these areas were then protected with the Denso Steelcoat 100-400 System.

Having examined the system applied to the test areas, Scottish Water then decided that as scaffolding was already in place they would take the opportunity to wrap the whole

section of pipe which crossed the River Ayr.

Denso Steelcoat 100-400 System consists of Denso Hi-Tack Primer, Denso Profiling Mastic, Denso Hi-Tack Tape, Denso Ultraseal Tape and Denso Acrylic Topcoat. It is designed to provide long term corrosion protection with minimal surface preparation therefore making it ideal for use in remote areas where prevention of contamination to the surrounding environment is important.



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Significant time savings, instant curing and impact resistant

Back in February 2016, the innovative Dutch paint manufacturer Van Wijhe Verf, from the Netherlands, introduced a breakthrough in the area of industrial floor coatings: SolidLux Instant Coating. It proved an immediate hit amongst customers and after a warm reception in his home country, the coating was introduced into the UK in February 2017.

SolidLux is a unique and patented opaque floor coating. It cures instantly at the speed of light under Decord portable UV lamps and is immediately resistant to intensive mechanical and chemical stresses. Whether for

use indoors or outdoors, it is an ideal solution in any situation where floor maintenance or renovation work will inevitably disturb the regular activities and often lead to associated loss of income and other expenditures. Thanks to its instant curing ability, it means the floor coating can be applied practically while business continues as usual with little to no disturbance. A smart working sequence allows car parks, production areas or concrete stairways to be used with practically no disruption while being treated. In many cases this will eliminate the need for expensive temporary provisions and ensure profits



are maintained.

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Please visit www.dexdyne.com

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.

Contact
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www.lanesfordrains.co.uk

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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Digital cutters made in Switzerland

The Zünd name is synonymous with the words performance, reliability and quality. Established in 1993, Zünd UK Ltd has rapidly become one of the industry leaders in the supply and service of precision cutting systems. Situated to the North of London and close to the M1/M25 motorway network is Zünd UK Ltd's sales and service centre offering a full pre and after-sales service and a state-of-the-art demonstration suite complete with a range of new G3 cutters, cutting table options and finishing solutions. Factory-trained technicians and a comprehensive spares service at Zünd UK ensure that all systems are maintained to the highest level and with a fast response by UK-based engineers.



Zünd UK Ltd offers finishing solutions into a wide range of different markets such as graphics, sign and display, textile, aviation, motor sport, packaging and retail.

Zünd's modular tool and material-handling design means that systems can easily be tailored for specific cutting requirements. Thanks to their modular design, G3 cutters can adapt to ever-changing needs, and the innovative technology and superior manufacturing guarantee reliability and low maintenance costs.

The raw materials used in the composites industry - such as carbon or glass fibre, semi-finished products such as prepreg or thermoplastic sheets, honeycomb, foamcore and more - can all be cut on a single, multi-functional Zünd cutting system.

Zünd cutting systems are systematically geared

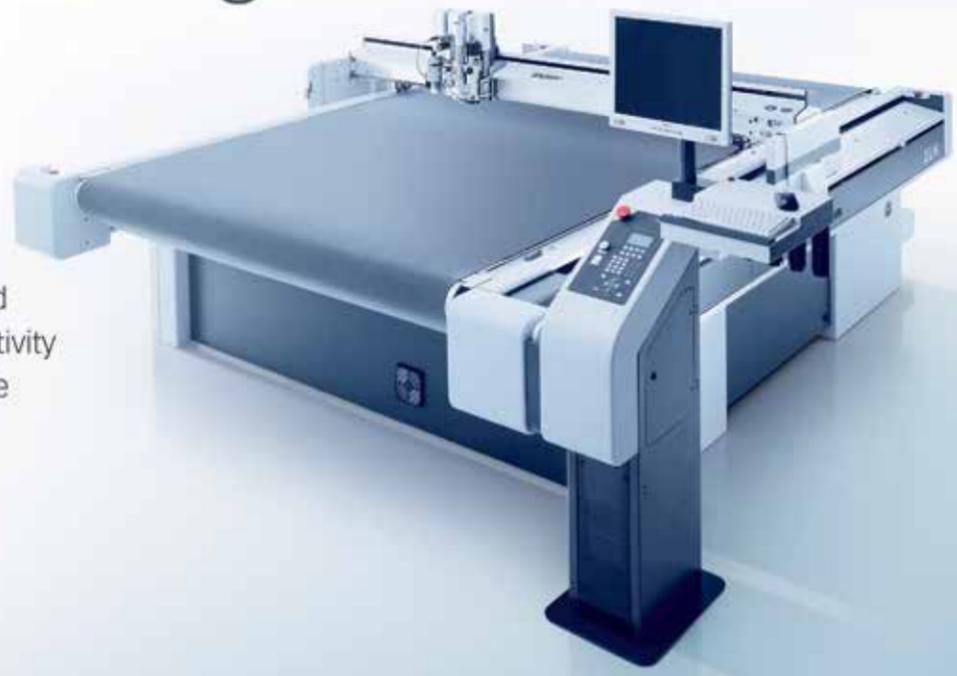
towards fully-automated production, but they allow for gradual implementation with a wide array of semi-automated options. The primary goal is always to achieve more throughput in less time.

For further information, please visit: www.zund.com

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Muller Coax: Leading Valve Technology

Muller Coax is the original designer and manufacturer of coaxial valves, with both product and company established in 1960 by Gottfried Muller. The company is reputable in numerous 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.

From their head office and main manufacturing plant in Germany, Muller Coax has wholly owned companies in USA, where there is also a manufacturing base, as well as in the UK, Spain, Italy and China. What's more, Muller Coax boasts distributors across the globe in order to offer support to companies wherever they may be,

ensuring high quality and efficient service for Muller Coax's vast range of customers.

Muller Coax's product range includes products for an abundance of industry sectors including power generation automotive plants, nuclear industry, military, pumping applications, and machine tools, to name a few.

The company's range includes valves for media



up to 500bar, as well as valves with 2/2 and 3/2 function. Furthermore, Muller Coax's valves are ATEX compliant, have a fast reaction time, are made from various body materials, have position indication and all are SIL2 rated as standard. Muller Coax is also an ISO 9001:2015 accredited company.

It is evident that Muller Coax is an industry-leader in valve technology, and the company's name is synonymous with innovation, individuality, confidence and quality, setting standards for experience and reliability in valve technology. With nearly 60 years of experience, they are certainly the epitome of valve technology within the industry.

If you would like to find out more information on the company, their products, and their excellent



services, head to their website. Alternatively, get in touch using the contact details below.

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Bespoke Tri Hook range from Cable Trail

The Tri Hook range from Cable Trail, is a bespoke range of simple to use cable management hooks.

The hooks are an easy to use product that has a few subtle design features to make it easy and flexible to use.

Tri-hook takes its name from the triangulated cross section to add strength and reduce friction at the contact point of the hose or cable. This makes the cables more manoeuvrable along the line and reduces the effort required to install.

The large Anchor diameter also allows maximum flexibility to where it can be used, over gantries scaffold poles hand rails or mesh fencing.

The hooks are available in 2 sizes: 240mm (9.5") or 330mm (13").

'D' shaped location for secure cables location of up to 12 20mm dia. cables or 3 40mm dia.

Standard Tri Hooks are made from a high Grade Nylon and offer impressive strength, but if you need a specific performance or colour, Cable Trail are happy to help.

Hyper strength, Flame retardant and bespoke colour options are all available (subject to min or quantities).

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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.

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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.

Quality manufacturing

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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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 Mónafill and CrumRubber models, are have patented proven systems.

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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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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.

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Trio of products

The Dock Gate range from A-SAFE is said to offer significant impact protection in a manually operated solution. A-SAFE says the flexibility of its Memaplex polymer technology means extreme forces of impact by heavy vehicles can be mitigated in a solution that is light enough to be operated by hand.

Each member of the Dock Gate family has its own specifications:

iFlex Dock Gate: This configuration

offers heavy duty impact protection for standard loading bays between 2.4 and 2.5m wide. It will take enough force to contain a 12,000 Joules impact: the equivalent of a 7t forklift truck travelling at 4mph.

iFlex Dock Gate XL: The Dock Gate XL will cover bays from 2.5-3m wide, distancing the supporting bollards from the edges thereby reducing the potential for damage whilst still containing 7,000 Joules impact,

the equivalent of a 4t forklift truck travelling at 4mph.

eFlex Dock Gate: Where reliance is on hand-powered cages and pump trucks travelling at up to 4mph, this version will contain 4,000 Joules impact – more than enough to prevent costly damage to dock door and warehouse infrastructure by up to 2.5t weight.

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Our willingness to serve our marketplace and our commitment to our clients has allowed us to grow our portfolio of Plastic cases which now include:

- The Gard Concept Range
- Gaggione Plastic Case Range
- WAG Plastic Case Range
- The Storm Case Range
- The DeeBee Range
- Bock & Crystal Boxes
- Many more in the pipeline

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branding and identity. We also have Vac Forming and Routing capabilities and are continually investing in the latest machinery and technology available.

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Introducing the NANOULTRA Range

What we've heard from our customers is they want better product information, easily accessible, easy to understand and order from. They also told us they value



our way of doing things, our agility and our cutting-edge technology and they wanted the products and the company to look the part of the world class partner we are.

Our purpose is to harness the Industrial Internet of Things to help you power your business. In order to give our customers this clarity we have re-branded to create a new identity and a true product family. Our company logo now represents the wireless solutions for IIoT that sit at the heart of all we do.

Our standard hardware products service a wide range of applications and offer you the chance to immediately access the Industrial Internet of Things to power your business.



They all seamlessly link to the CDL SmartHub™ where you can configure and manage assets, set alarms, view audit trails, integrate and export data, view trends and visualise data.

Investing in the NanoULTRA and CDLSmartHub™ gives you access to a fully integrated end-to-end IIoT solution to effectively manage your assets.

The products within our range all have their own unique attributes that deliver solutions within specific application areas. But what they all do is log data and transfer it securely to our IIoT asset management platform, the CDLSmartHub™, where the raw data can be turned into actionable insights, delivering you a quick return on investment.

Our unique position of having application specialists, hardware, software and firmware engineers in house allows us to go a step further and custom build our standard range to ensure our customers get exactly what they need.

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Hygienic housing for critical aseptic liquid filtration applications

The 76B Series single cartridge housing from Amazon Filters is a high-quality product specifically designed for aseptic liquid pharmaceutical and healthcare filtration applications. The vent and drain connections on the 76B Series housing can be customised from a wide range of options to provide an optimised filter housing for your application.



The housing is designed and manufactured to provide crevice free sanitary finish with all internal surfaces having a 0.4µm RA value making it an ideal choice for critical liquid pharmaceutical or healthcare applications, where a standard finish is simply not good enough. The hygienic design of the 76B Series housing is easy to clean after use ensuring quick turnaround between processing of batches. Designed to be easily sanitised or steam sterilised prior to use – the 76B Series housing ensures that the sterility of your process is maintained.

For further information on the 76B Series filter housing, please visit: <https://www.amazonfilters.com/products/filter-housings>, contact Amazon Filters on: +44 (0)1276 670600 or email: sales@amazonfilters.co.uk.

Amazon Filters and Britvic strengthen working partnership

Amazon Filters has received a supply chain contract renewal from leading soft drinks company – Britvic.

Having partnered with Amazon Filters for nearly a decade, trust in the company's understanding and knowledge of their beverage filtration processes were key to Britvic renewing this longstanding contract.



Britvic has used Amazon's filtration products across the majority of its plant operations, and at every stage of the beverage filtration process to ensure its portfolio of internationally renowned soft drink products are delivered clear and bright to their customers.

Specifically, Britvic valued Amazon Filters' strong understanding of the importance of particulate and micro-organism control including the prevention of Cryptosporidium contamination in water-based beverage products.

For further information, please visit: www.britvic.com

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Ammonia filtration key to efficient antibiotics production

Amazon Filters has installed a combination SupaPore FPW/SupaPore VPBA filtration system at a leading antibiotics manufacturer's fermentation plant enabling them to reduce production downtime resulting in significant cost savings.

Efficient antibiotic production requires the use of high-quality ammonia to adjust the pH of the fermentation process. Yet, the antibiotics manufacturer was receiving batches of ammonia of varying quality, which required sterile filtering before

use. Despite this precaution, the manufacturer had to replace blocked final membrane filters on a daily basis resulting in unacceptable levels of production downtime and the high costs of replacement filters.

After studying the production process, Amazon Filters recommended using a SupaPore FPW pre-filter to protect the final membrane filter the SupaPore VPBA replacing the customer's existing final filter, with a micron rating of 0.2µm. This membrane filter is specifically designed to meet

the demands of pharmaceutical producers requiring efficient and reliable microbiological sterilisation and bioburden control – essential factors in antibiotic production.



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The team of specialists at Alpha all have years of experience assembling converting machines which includes equipment such as slitting machines, winding equipment, spooling machinery, salvage doctor machines, trim winders, and even bespoke converting equipment.

Over the years, we have manufactured many different machines and equipment that are used for the converting industry. It all started with the high speed spooler which launched in 1999 to the more modern pieces of converting equipment like the automatic winder and the traversing spooler.



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