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OCTOBER 2020

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TOOLING OF THE HIGHEST CALIBRE

CALIBRE Tooling is now established as one of the UK's leading specialist router tooling suppliers, and the company is pleased to release its latest catalogue.

With a close working relationship with tooling manufacturer, Ful of Italy, Calibre can supply high-quality tooling through its established network of professional distributors – giving a next-day delivery service.

Calibre/Ful specialises in solid carbide spiral tooling and drills, which include a high-performance range of solid carbide drill bits and a comprehensive range of TCT router cutters and profile tooling.

Heavy-duty replacement tip tooling designed for panel sizing features strongly in the product range, as does a series of dedicated spiral tools for door production.

Additions to the catalogue are long-series solid carbide drills, which are ideal for deep drilling into soft and hard woods and a



range of drills featuring high tolerance shanks, designed to be used in collet chuck systems.

These drills can be run at 8000-10,000rpm, which gives scope for higher drill feed rates and improved finish and production times.

The new catalogue can be downloaded from Calibre's website, from which a hard copy can also be requested.

For further information tel Calibre Tooling on 01707 386111. Visit www.calibretooling.co.uk

SPACE-PLUG SAVES TIME

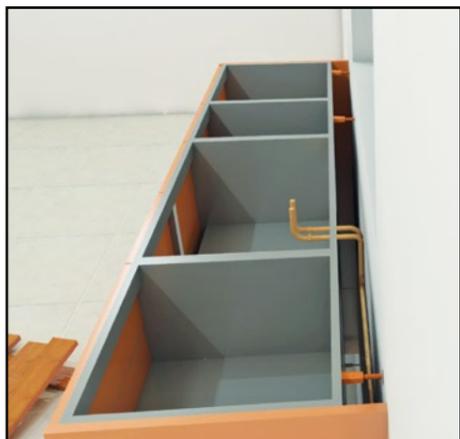
SPACE-PLUG is undoubtedly the fixing of choice for fitting furniture, but did you realise it can save hundreds of acres of board!!

With Space-Plugs in the box, why have gables reach the wall? After all, we don't have the gables meet the floor, since we included the adjustable leg.

Save the board for the manufacturer and hours of scribing and handling for the fitter ... edge-banding stays intact and there is never a need to cut round a pipe again!

Chris Sharp Cabinets Ltd has made the change and are ahead of the game...

'Space-Plug AFS has definitely been a move in the right direction for us. We adopted the idea about 18 months ago, it's been a great success and we're very happy to sing its praises,' says



SPACE-PLUG
Advanced Fixing System

operations director at Chis Sharp Cabinets Ltd, Paul Kettleborough.

'The saving in material means that we get far more parts from jumbo sheets and because of that, profitability has really increased.

'When we deliver to site, the units go straight into place. That really reduces handling.

'Our fitters, who weren't sure at first, are now over the moon with the flexibility and freedom it gives them.

'Our clients have given us some great feedback - and if they're happy, we're happy.

'From our guarantee point of view, confidence is even higher knowing edge-banding never gets cut away and the unit always stays fully sealed.

'Its great news that it's made in Britain and that is something we pride ourselves on. We will definitely be customers for the foreseeable future.

'All in all, it's a great product and a great idea. We wish Space-Plug every success, with a simple, but massively effective bit of kit,' concludes Paul Kettleborough.

For further information tel Space-Plug on 07901 553290. Visit www.space-plug.com

KEEPING PULSE

'IDEAGEN is committed to continually delivering enhancements to our products to ensure that we can offer the latest innovations in technology that will help businesses meet their QHSE and audit, risk and compliance needs,' says chief executive officer at Ideagen, Ben Dorks (pictured right).

The latest update to Q-Pulse ensures that existing and future customers will have access to one fast, simple system.

'I am very excited by this major update to Q-Pulse and I am confident that our customers will be too,' says Ben Dorks.

For the full story please turn to Page 7 of this issue.



WOODWORKING MACHINERY

Introducing the **NEW ATACAM** CNC Routers

ATACAM

PRICES FROM £38,000

This new range of affordable CNC Routers from ATA Engineering offers the same high quality build that you come to expect from a company that has been supplying CNC's for over 20 years, along with support and technical back up.

Standard sizes:
8 x 4, 10 x 5, 3m x 2m
(Special sizes available on request)

Standard Features:
HSD HSK Spindles, Rotary ATC, Location Pins, Tool Digitizer.

3 and 4 Axis machines in stock.

Call us today to arrange a Demonstration!



Castle Pocket Routers
from ATA Engineering



New Improved Model TSM22 Pocket Router

Model TSM22, the most popular Pocket Router in the Castle range has been re-designed with a new lift up table top to provide the following features:

- Easier and quicker access when replacing the router cutter, drill and other parts during routine servicing and repair.
- Additional safety feature which automatically disconnects the electrical supply to the Bosch motors.

This long established and widely used model continues to provide the quickest and strongest method for kitchen and bedroom carcass manufacture, retail display stands and other interior fitting applications.

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Email us at: bill.willowe@gmail.com

CABINET VISION HELPING TO SLASH PRODUCTION TIME

DANIEL'S AMISH COLLECTION BENEFITS FROM SOFTWARE'S NESTING AND CUSTOM-PROGRAMMING TOOLS

HONOURING traditional craftsmanship while juggling modern manufacturing demands is all in a day's work for brothers, Leroy and Lewis Yoder, of Daniel's Amish Collection.

'We take great pride in the work that we do,' says plant manager, Lewis Yoder.

'Although we have CNC machinery, we do use older techniques and everything is still assembled and stained by hand. Our goal is always to make sure that we get a great product to the customer,' adds Lewis.

Established more than 20 years ago in Mount Eaton, Ohio, by their uncle, Daniel, the family's business uses modern technologies, including the Cabinet Vision Screen-to-Machine™ (S2M) Centre, to produce the kind of high-quality furniture for which the Amish are renowned.

'We have 200 employees, so teamwork is a big thing here. Our company is outstanding in that everyone pitches in and makes it a great, team-oriented workforce,' says Leroy Yoder, who manages the daily production schedule for Daniel's Amish Collection.

'Our ability to work together is one of the top reasons that I feel proud of our company,' he adds.

The team at Daniel's Amish Collection produces a wide stylistic range of dining room and bedroom furniture that is sold by large retail furniture companies. Among its customers are Levin Furniture, Darwin Furniture, Nebraska Furniture Mart, RC Willey Furniture and many others.

Daniel's Amish Collection initially made all of its products by hand, but with success came exponential growth and the need to implement technology that could both keep up with demand and standardise quality.

'Daniel's Amish started with Daniel Yoder making small crafts in a small garage. Over the next 10 years, it grew into producing a gooseneck trailer full of furniture in a 20,000ft² facility and, within five more years, to a 125,000ft² facility in Killbuck, Ohio, producing two to three semi-truck loads/day.

'Obviously, we had to quickly change from making everything by hand with a table saw and a chop saw, because we went from making 10 pieces/day to 200,' explains Leroy.

Daniel's Amish purchased Cabinet Vision in 2011, having quickly identified the need to implement a solution that could mass-produce cut-lists and boost overall production efficiency.

'I was somewhat familiar with Cabinet Vision and thought I could start with a blank slate and customise it to suit our needs,' says Leroy

Yoder, who is the company's primary programmer.

'My Cabinet Vision looks completely different from that of 99 per cent of the people who use it, because we have all of our SKU (stock-keeping unit) numbers catalogued in the software - which also includes sub catalogues with different wood species and other custom set-ups. I actually use the SKU numbers to create my orders, so everything is very custom to us,' says Leroy.

The ability to customise Cabinet Vision to reflect the sheer size and diversity of Daniel's Amish Collection simplifies the process of culling through countless options and organising jobs that differ wildly from day to day.

'With the software and machinery, we've reduced production time by 50 to 75 per cent,' says Leroy Yoder.

'I use Cabinet Vision every day and see all of the different things that we make. It's kind of neat to see the volume that we do now,' says Leroy.

The Daniel's Amish Collection team, which builds between 500 and 600 drawer boxes/day, offers 1,500 unique options just for the chests that it produces.

The total number, or unique options across furniture type, wood variety, stain colour and hardware choices numbers in the tens of thousands.

'We're producing 50 nightstands and 50 headboards in a day, which may entail five different styles of nightstands, as well as nightstands from different collections,' says Leroy Yoder.



'With Cabinet Vision, I can nest everything and within a matter seconds have a whole day's work ready to cut. Without the software, it would take an hour just to figure out how to fit everything on a sheet,' proclaims Leroy.

In addition to customising the system's virtual catalogue to reflect the company's options, Leroy Yoder has customised several cut-lists that are distributed to various production departments.

'I created all of the cut lists we use here and I have probably 30 different custom cut-lists generated by Cabinet Vision that I send out to the departments every day,' says Leroy.

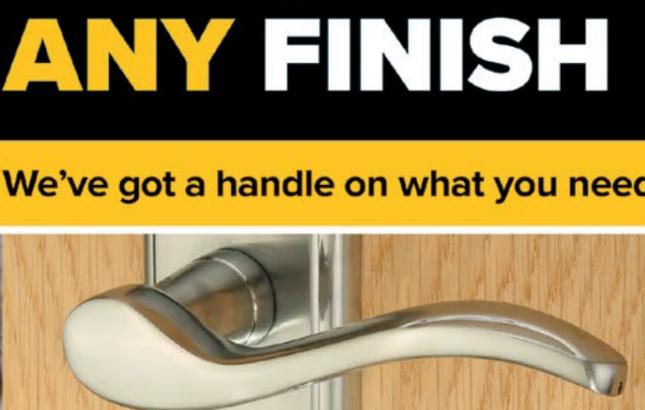
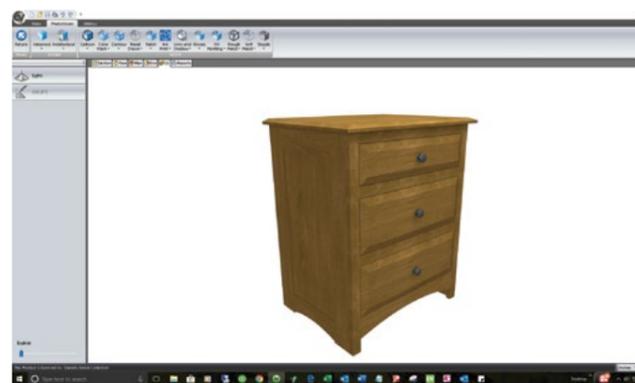
He has also written a variety of Cabinet Vision User Created Standards, or UCSs, which are used to apply custom construction methods for use under certain production parameters.

For instance, if he prefers a certain construction method for a particular type of material, the system will automatically apply a UCS for that method when the material is used. At Daniel's Amish Collection, the company's UCSs, like its orders, are linked to product SKU numbers.

'We're just so much more efficient with the software and router, because any kind of shelf holes, notches, grommet holes and other types of requirements are taken care of before assembly,' says Leroy Yoder.

'The efficiency that we have here in large part is due to what Cabinet Vision provides,' concludes Leroy.

For further information tel Cabinet Vision on 01189 756084. Visit www.cabinetvision.com



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FIVE IN ONE – HEATING WITH THE AID OF WOOD WASTE

AT SUCKER Holzbau GbR a great deal of wood waste accumulates over time. With the help of a WL 6 single-shaft shredder and a wood chip oven, this is used to heat the workshops and offices, as well as three single-family homes.

After completing his training as a carpenter, Malte Sucker founded Sucker Holzbau GbR in 2002. His brother, Arne joined the company whilst studying civil engineering.

Now the brothers manage the company together in Lower Saxony and employ 16 people. Sucker Holzbau combines three trades under one roof: carpentry, roofing and joinery. The range of services includes the renovation of old buildings and half-timbered houses, timber frame construction, roof coverings, wooden facades, floors, stairs, windows, doors and much more.

The core business of the young enterprise is carpentry. This is where a particularly large amount of wood waste is accumulated. Sucker Holzbau GbR has been recycling the wood waste for many years.

‘We have gone through two stages. In the first stage, a log-burning heater was used, which was filled manually with chopped pieces of wood. This was very time-consuming,’ recalls managing director, Malte Sucker.

‘In the second stage, we installed a furnace that uses shredded wood, with the ulterior motive of also heating two other single-family homes with it,’ adds Mr Sucker.

In order to be able to fill the oven, they needed a shredder. At LIGNA 2013, the Sucker brothers first became aware of the shredding specialist from Ilsfeld.

‘We got to know Weima at LIGNA. Weima’s wood expert, Fred Halle took the time and trouble to take on our young company,’ says Arne Sucker.

At first, however the decision was made in favour of a different, used shredder. This was then to be replaced at a later date with a new and larger model.

‘Finally, we approached Mr. Haller again and decided on a Weima machine,’ says Arne Sucker.

The Weima WL 6 single-shaft shredder has now been at Sucker Holzbau GbR for about five months. It is a proven classic for shredding wood waste of all kinds and stands out, due to its very robust design and extremely long service life.

The innovative V-rotor is made of solid material. Special knife holders are welded into milled knife pockets around its circumference. The cutting knives are set into these and screwed on from the back. This ensures quick and easy knife changing.

The shredded material is conveyed out of the machine by means of an extraction system, or a transport screw. Depending on the material and filling, the ram can be operated in different ways. This enables an optimum shredding result. The powerful drive with the specially developed Weima WAP gearbox ensures maximum machine service life.

In co-operation with Fred Haller, the expert for wood applications at Weima, a tailor-made concept was developed: The shredder is mounted on a frame, which is embedded in the floor. The connection to the discharge screw is hidden under the floor slats.

The machine is thus easily accessible from all sides and can be filled manually, but also with a wheel loader, or a fork-lift. The screw conveyor transports the shredded wood waste to the chip bunker located next door. From there the wood chips are fed into the heating system.

The processes are largely mechanized. The shredder is filled with wood waste using a fork-lift, or wheel loader.

‘The chipper works independently at the push of a button and conveys the wood chips to a pile. From there it can be removed with a wheel loader, or fork-lift with a shovel attachment and then fed into the heating circuit, i.e. the storage bunker. Almost all of this is carried out without any manual work,’ explains Malte Sucker.

Depending on how much material is accumulated on the construction

sites, the Weima shredder is in operation between three and five hours/week.

The shredded wood waste is not just used at the company. The heating system, which is located on the company premises, is used to heat the workshop and material rooms, the office and the adjoining house.

In addition, two other single-family houses are supplied with wood chips, which are also used for heating. This means that five different buildings can be heated with the company’s wood waste.

No matter whether roof batten sections, wood panels, oak wood sections, or off-cuts of thick wood ceilings – everything ends up in the Weima shredder.

Malte Sucker draws a direct comparison to the Weima machine’s predecessor:

‘The throughput is a completely different matter. Our expectations have been completely fulfilled,’ he says.

Would the brothers recommend Weima to others?

‘If you are looking for quality and a really sensible concept solution, then Weima is the right company for you,’ says Malte Sucker.

Weima has more than 35,000 machines sold worldwide! Weima has been manufacturing robust shredders and briquetting presses for the disposal and processing of all types of waste for more than four decades.

The company’s machines include single-shaft shredders, four-shaft shredders, cutting mills and briquette presses. The popular machines are used in the woodworking industry amongst others.

Shredders and briquette presses from Weima are exclusively made in Germany and come from production plants in Saxony-Anhalt and Baden-Wuerttemberg. Every year, more than 300 employees work on around 1,200 customer solutions from around the globe.

Weima has long-standing sales and service locations in the USA, Poland, India and China. More than 80 representatives supplement this global presence.

For further information tel Weima on 00 49 7062 95700.
Visit www.weima.com



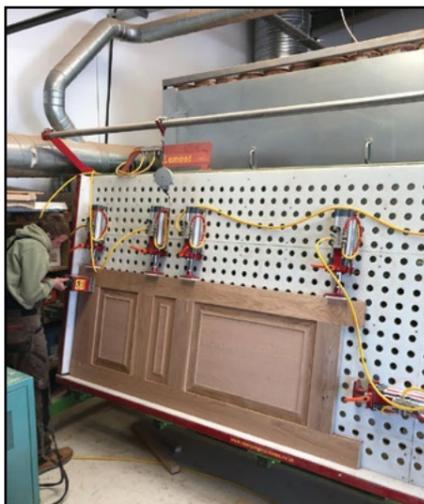
A WIDE VARIETY OF DIFFERENT CLAMPING OPTIONS ON OFFER FROM ALAN LAMONT

NORD Build & Design Ltd specialises in higher end refurbishments. Working in the London area, the company has an excellent reputation for its bespoke interiors and joinery. Founded in 2011, the company now employs five people. Through word of mouth, it has on its books sufficient work for the next six months.

Last year Nord Build & Design Ltd invested in a clamp and Woodwelder from Lamont.

‘We were making doors and had quite big orders,’ says owner, Donatas Urbonavicius.

‘It took so long to clamp everything by hand and keep everything in the clamps in a small space. Imagine if I made of lot of frames today (say 40): if I were using sash clamps, I would need to leave them overnight. With this machine you clamp, weld, take it out and you are on to the next one,’ says Donatas Urbonavicius.



Once the need for a clamping system was realised, Donatas began to research the market.

‘We searched for different makes. Some looked expensive and were only made for specific purposes. However, Lamont offers a number of different options.

‘Alan Lamont listens to what you want and makes the machine to meet your requirements from scratch. This ability to be bespoke was very attractive. You need to make sure that you know what sizes you will be working with. Our machine is designed for 3.2m workpieces,’ says Donatas

‘We use the Lamont system extensively: for doors, drawers, windows, boxes and carcasses, for example. We also use it to laminate a few pieces of timber together. It is used for everything.

‘It saves space as well as time. The clamping machine is up on the first

(mezzanine) floor, next to the sander. It fits well into our premises.

‘The system also offers improved accuracy: with the pre-sets you are always square. You can double check with the tape measure, but it is not really necessary,’ explains Donatas.

Asked if he would recommend the Lamont system and the company, Donatas replied:

‘Yes, of course. Alan is very flexible, he will always call and ask you for the details of the machine you want. There have already been a few enquiries from people visiting our workshop who have seen the system and asked for Alan’s contact details.

‘One is our timber supplier. They have been in business for a long time and are a big timber yard, but also offer a laminating service. Other joiners also come in, look at it and like it: they can all see the advantages,’ concludes Donatas.

For further information tel Alan Lamont on 07785 268 992 Visit www.clampingmachines.co.uk

To find all the latest news online go to www.industrialwoodworking.co.uk

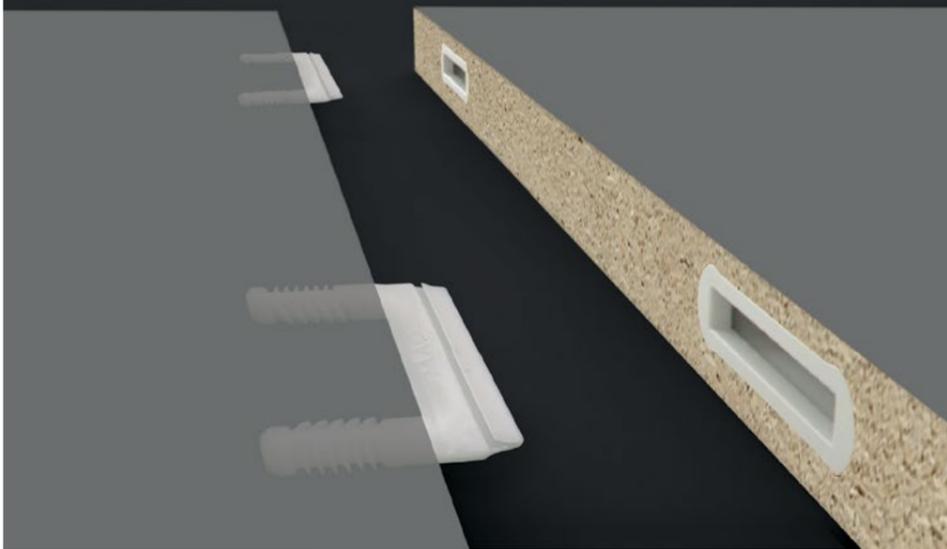
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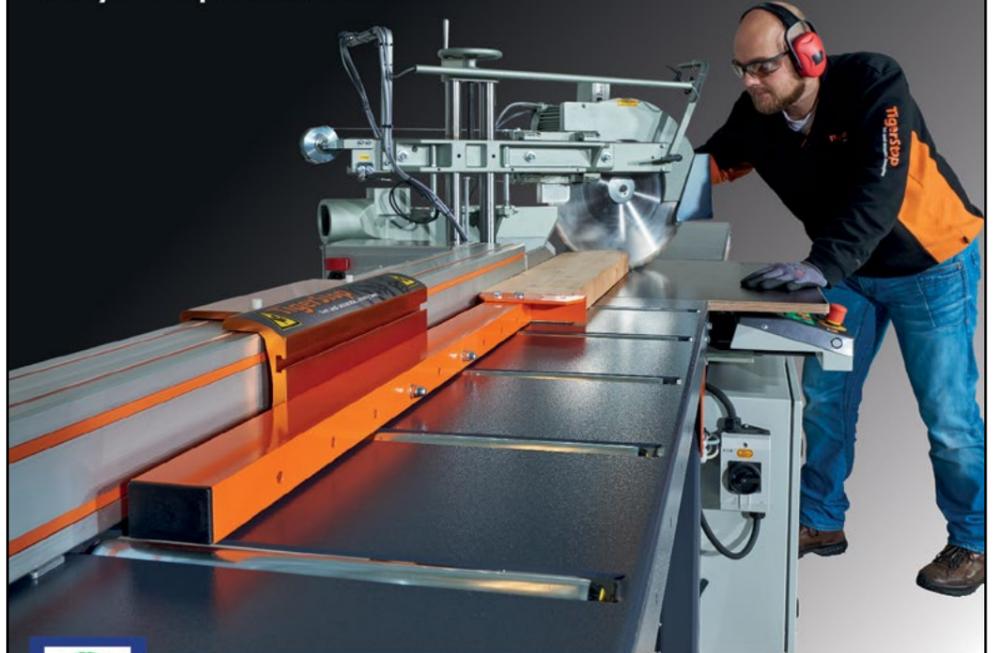
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MIRKA GOES FOR THE GOLD STANDARD

WHEN it comes to any woodworking project, a good quality sanding product is essential for achieving the perfect finish.

The Mirka Goldflex Soft range, available from Ironmongery Direct, is a great choice for those who need to sand profiled surfaces, delicate corners, or difficult-to-reach details by hand.

The flexible Goldflex soft sanding pads can be used for sanding fillers, primers, paints, lacquers and bare wood in both wet and dry environments.

The foam backing ensures a comfortable grip that is kind to the hands and the pad applies pressure evenly to the surface to reduce the risk of sanding through.

In order to minimise the clogging associated with using a traditional sanding paper, Ironmongery Direct suggests trying Mirka's Gold Proflex sanding sheets.

These revolutionary sheets utilise special grain and coating technology for excellent dry hand-sanding and are sharp cut for fast finishing and denibbing.

The Mirka Goldflex soft sanding pads can be purchased from Ironmongery Direct in packs of 10, while 200-sheet rolls of Mirka Goldflex Soft sheets are also available to purchase for larger projects. All products come in a variety of grit levels to suit any requirement.

Ironmongery Direct has over 18,000 products in stock and available for next-day delivery.

For further information tel
Ironmongery Direct on 0808 168 28 28.
Visit www.IronmongeryDirect.com

SALES BOOM

SPACE-Plug has gone from a former fitter's brainchild to sales in excess of 3.5m units.

'I'm over the moon! In all honesty, the concept had been in my head for such a long time, it's actually been 25 years in the making, but it's now well and truly made!' says former fitter, entrepreneur and managing director, Cliff Pettit.

Space-Plug's approach might be unusual in the modern world, but it seems the old-school business plan of not spending it until you have made it is paying off for the company.

This year the company is set to break out of the cottage industry-style of business and it is looking to gear up in earnest with plans for major investment directly from company funds.

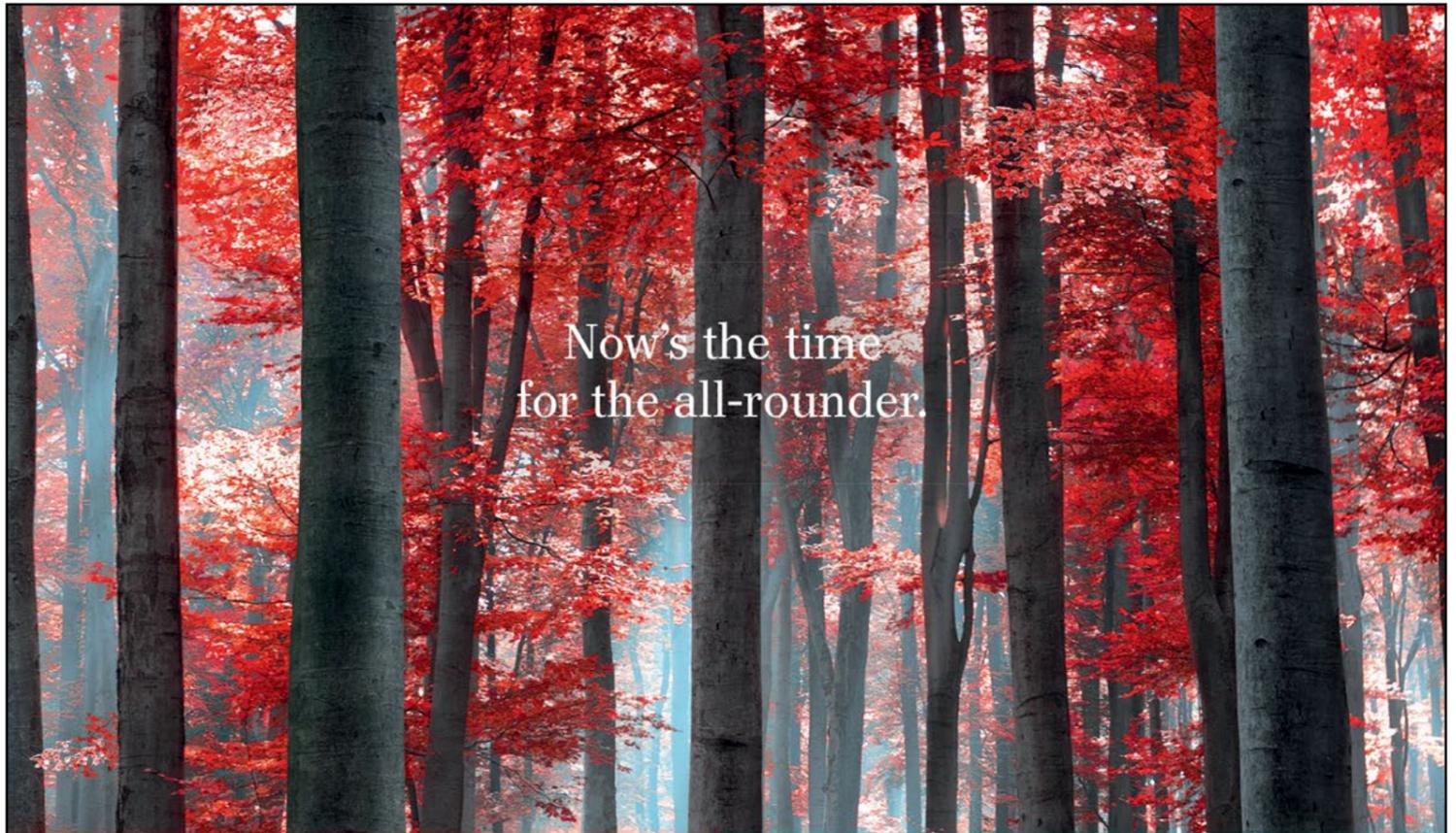
'Taking a bit of time to build a business has proven to be the right move,' says Cliff.

'There is such a trend to look for the instant gratification of major investment, but avoiding that means that we are now able to invest in major growth without any leverage against future profits safe in the knowledge that Space-Plug is hugely popular with an ever-growing list of delighted users,' says Cliff.

'Space-Plug is growing fast and our joint investment plan with our fantastic new manufacturer based in Sussex - Masona Plastics - is looking to top £200,000!'

These extensive plans, as well as the new manufacturing partnership, include new commercial management input, new tooling for the Mark II plug, new automated packing machinery, new patent applications, new products, new SKUs, new territories, new markets, new distribution, new media, a new website and, of course, many new customers.

For further information visit
www.space-plug.com



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IT DOES EXACTLY WHAT IT SAYS ON THE BOX

LASER CUTOUTS is a family-owned and run business that has been successfully trading for approximately nine years in Washington, Tyne & Wear. What was primarily set up for laser cutting and engraving has now also evolved into wood crafting and box production.

After being approached by a charity to see if the company could produce memory boxes, the team first began with laser cut out boxes. These required a great deal of manpower to complete, as they still needed to be glued, clamped and left to dry. From this the company moved to a locking mitre joint, which was better, but still required gluing, clamping and time to dry.

Whilst visiting the 2019 annual Northern Woodworking Show in Harrogate, company director, Paul Stott visited the Hoffmann Machine Company stand.

He was given a demonstration of the Hoffmann MU3 dovetail routing machine by Sean Colmer, who is one of the Hoffman team. Sean produced a simple, but strong mitre joint in a matter of seconds.

Paul was impressed and sent Sean some samples of his 9mm thick poplar wood to test the accuracy and strength of the joints.

A range of samples was produced, using different sized Hoffmann dovetail keys (W2-W0). It was agreed that the joint using the Hoffmann W0 key would offer the ideal solution.

Paul was so impressed with the samples that the Hoffman MU3 dovetail routing machine was purchased immediately and the company hasn't looked back since.

'With very limited training, all our staff can now produce all parts of the box, eliminating the need to employ a dedicated member of staff,' says Paul Stott.

'We can now produce the joints and start assembly immediately with no clamping required. The finished joints are tighter and stronger and add to the quality and finish of the box.'

Not only has the Hoffman dovetail jointing



system improved the quality of the joints, the production time has been reduced by two-thirds, increasing productivity,' concludes Paul Stott.

Laser Cutouts is currently producing four different sized boxes from small (150mm²) up to large (400mm²).

The new Hoffmann W0 key is one third smaller than the already legendary W1, so it was considered ideal to use on Paul's 9mm thick profiles.

With a cross section size of just 3.3mm x 4.4mm, it will draw together profiles as thin as 7mm and upwards with startling strength.

Hoffmann offers joint processing of customers' profiles for assessment and approval.

For further information tel Hoffmann Machine Company Ltd on 01524 841500. Visit www.hoffmann-uk.com



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Ex Austria - Allow 3/4 weeks delivery

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FKS315-VFN3200 315mm Panel saw package

Cast iron table + 80x1150mm max depth/width of cut + 3.2m integral sliding table carriage + outrigger support table w telescopic arm + table width & length extensions + 2 x speeds + analog readout of cutting height & tilt + integral motor driven scoring unit + 415v only.

Ex Austria - Allow 3/4 weeks delivery



£5299.99 Ex VAT

HOB315 Heavy duty 305x230mm combined planer/thicknesser

1.6m long cast iron folding tables + 3 x knife cutterblock + knife setting gauge + 4000W motor + 415v only (Enquire for alternative 230v model)



£2999.99 Ex VAT

HOB415 Heavy duty 410x225mm Combined planer/thicknesser

Cast iron tables + large alu tilting fence + spiral toothed infeed roller + precision bedded 4 knife cutterblock + 4000W motor + 415v only (Enquire for alternative 230v model)



£3299.99 Ex VAT

HBS470-PROFI 470mm Dia 2 Speed Bandsaw

285x465mm depth/width of cut + cast iron table & band wheels + blade width 6-25mm + triple roller guides + 2 x dust outlets + mitre att + See VIDEO



£1299.99 Ex VAT

HBS600-DELUX 580x370mm Ultimate specification bandsaw

370x580mm depth/width of cut + cast iron table & band wheels + blade width 8-30mm + precision top & bottom blade guides + extra large rip fence + mitre att 415v only



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FS200S 4 Speed tilting spindle moulder

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IDEAGEN LAUNCHES FIRST CLOUD VERSION OF INDUSTRY LEADING Q-PULSE SOFTWARE

Ideagen strengthens supply chain and helps to transform production processes

LEADING international provider of governance, risk and compliance software, Ideagen Plc, has announced the first cloud version of its industry leading quality, Health & Safety and environmental (QHSE) product, Q-Pulse.

Q-Pulse is already used by more than 2,000 companies around the world to effectively manage and mitigate their QHSE risks.

This update ensures that existing and future customers will have access to one fast, simple system, backed by 25 years of innovation, from an established and trusted vendor.

'I am very excited by this major update to Q-Pulse and I am confident that our customers will be too,' says chief executive officer at Ideagen,

The team has worked incredibly hard on this project and their efforts have really paid dividends as they have produced

a product that is game-changing in its scope, ease of use and flexibility,' chief executive officer, Ben Dorks.

'Although there is a wide range of benefits available from the new product, there are enhancements specifically aimed at the manufacturing sector.

Firstly, Q-Pulse can provide the insight needed to transform production processes, strengthen supply chains and deliver top quality products.

Secondly, Q-Pulse helps businesses to quickly and confidently exploit opportunities, grow, unlock new markets and secure new quality standards, with the confidence that comes from data-driven decision-making.

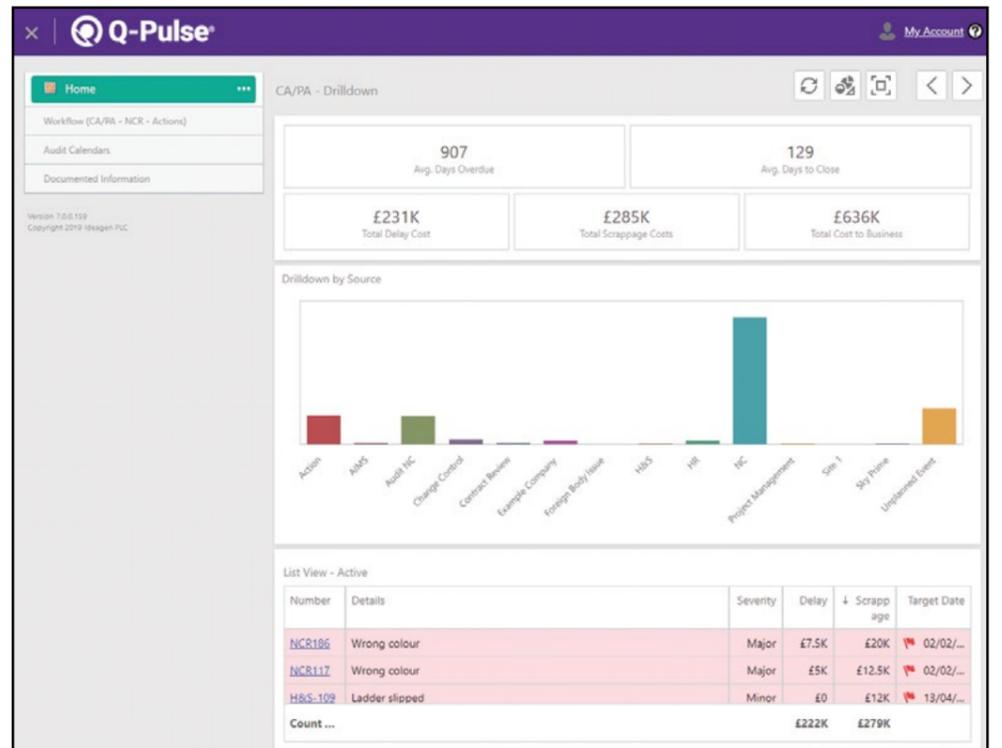
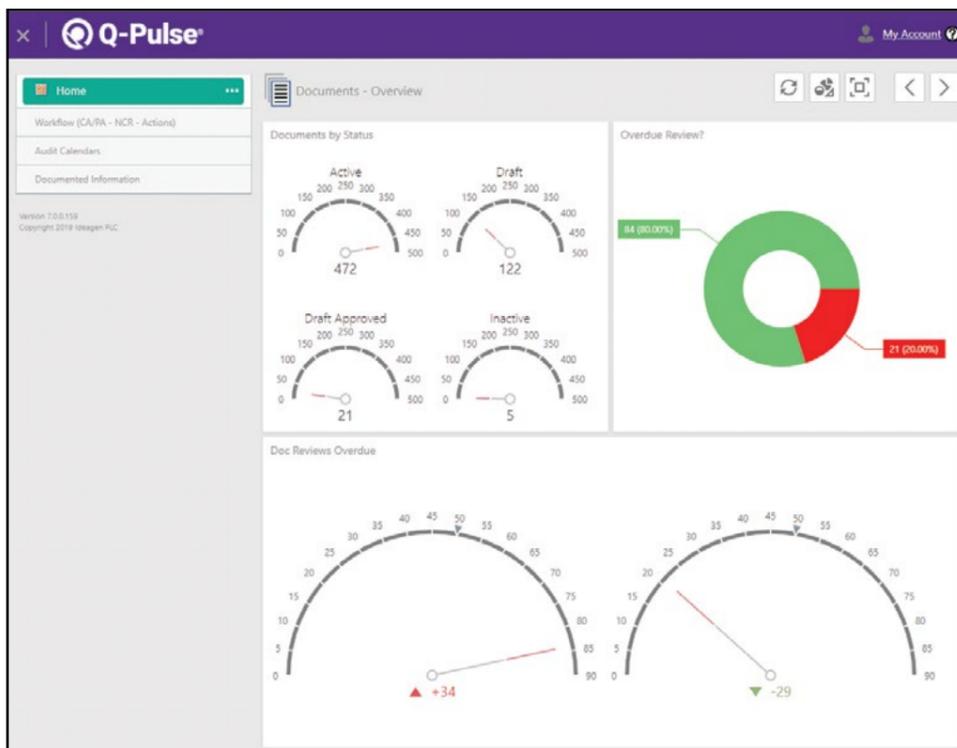
Q-Pulse also makes it easier to align an entire business around world class processes that satisfies customers and

regulators by making compliance, safety and quality the responsibility of everyone in the business.

'Ideagen is committed to continually delivering enhancements to our products to ensure we can offer the latest innovations in technology that will help businesses meet their QHSE and audit, risk and compliance needs,' says Ben Dorks.

'As a software product development company, it is vitally important that we constantly evolve to ensure our products remain at the cutting edge and that we can deliver the reliable, fast and easy service our customers expect,' concludes Mr Dorks

For further information tel Ideagen on 01629 699100. Visit www.ideagen.com



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FINE NEW FAMILY OF POWER TOOLS LAUNCHED BY FEIN



POWER tools and accessories manufacturer, Fein, has simplified its product range, grouping its multi-tools together to form one new MultiMaster family.

The MultiMaster 300, 500 and 700 series, (formerly known as the MultiTalent, MultiMaster and SuperCut) will now form one unrivalled family of multi-tools.

Launched in September nationally across the UK with the aim of streamlining product lines for end-users and dealers alike, the globally renowned range now encompasses the three oscillating power tools. Each product will also be available as both cordless and mains-powered options.

Fein is the specialist brand of quality and reliable power tools and accessories for the metal working and interior sectors. As the inventor of the first electric hand held power tool, Fein has been developing innovative and unbeatably efficient solutions for everyday use by industry and manual trades for over 150 years, and now has a wide range of power tool products. Fein also offers an extensive range of special accessories, which are tailored to pre-defined applications and guarantee the best possible results for professionals.

Fein prides itself on its application-based approach, which means that it is known for providing trusted consultancy to its customers, enabling companies to source the best solution for the job.

By providing the best quality and reliable products and expertise, Fein delivers true value-for-money, every time.

Today Fein is a world-renowned power tool manufacturer with 900 employees, 530 of whom work in Germany.

The company holds more than 800 active industrial property rights, including around 500 patents and patent applications.

Fein markets its products through 20 international subsidiaries and more than 50 representations around the globe.

'The MultiMaster range provides a one-stop-shop for a breadth of jobs, be it cutting, sawing, sanding, or polishing, due to its incredibly extensive catalogue of compatible accessories,' says managing director of Fein UK, Raphael Rudolph.



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‘Whether you’re on site for eight hours a day, or completing a quick DIY project, the three new products offer a range of performance classes, from entry-level to super powerful for the most demanding requirements,’ says Mr Rudolph.

The MultiMaster family is compatible with a total of 180 accessories, enabling end-users to complete a range of jobs with just one tool.

The MultiMaster 700 series (formerly known as SuperCut) has the ability to saw wood, in addition to a range of different materials rapidly and with a high degree of precision.

The 700 series comes in various packages, including up to 60 accessories, making it ideal for all levels of the construction process and everyone from general builders and roofers, to plumbers, carpenters and electricians.

‘Due to its robust design, the MultiMaster 700 can cope with the toughest conditions and is able to operate with all Starlock accessories, including Starlock, Starlock Plus and Starlock Max,’ he adds.

The MultiMaster 500 series (formerly known as MultiMaster) can be adapted to complete a range of interior tasks and is available with different packages, including, the AMM 500 Plus TOP with more than 30 accessories.

Meanwhile the MultiMaster 300 series, (previously known as MultiTalent) is designed for sawing a range of materials, including wood and can be purchased with a variety of basic accessories.

Both MultiMaster 300 and 500 series multi-tools are compatible with Starlock and Starlock Plus accessories.

As part of the product range expansion, the company will also be offering up to £100 in Amazon vouchers to any customers trading in their old non-Starlock FEIN tools for the new MultiMaster 300, 500 or 700 series, when they register for the three-year FEIN Plus warranty.

‘The MultiMaster 700 series is one of the most powerful, precise and rapid multi-tools out there and we’re anticipating it to quickly become the market-leading multi-tool in the

industry, due its advanced and innovative features,’ continues Mr Rudolph.

‘The 300 and 500 series offer compatibility with an extensive mix of accessories to complete a roster of jobs, as well a great price point,’ he continues.

‘We were the first company to invent a hand-held power tool over 150 years ago and our heritage, alongside our expertise, really have positioned us well to continue launching new, innovative and market-leading products consistently for more than a century.

‘We’re excited to be unveiling this update to our already prominent MultiMaster family and know our customers and dealers will welcome it too. In addition Fein will of course continue to update its range of power tools on a continuous basis,’ concludes Mr Rudolph.

For further information tel Fein on 01327 308730. Visit www.fein.com



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IDEAS MADE TO MEASURE - AND THE REST GOES INTO THE WEIMA SHREDDER



FOR over 110 years, the name Althoff has stood for creative work with wood. At its joinery in Bielefeld, Germany, woodwaste accumulates during all stages of production. With the use of a Weima WL 4 shredder, this can be ideally processed to heat the premises.

Ulrich Althoff was founded in 1906 and is now managed by fourth-generation family member, Hendrik Althoff.

In the workshops, made-to-measure ideas are developed – creative products made of high-quality materials, with proven tools and state-of-the-art machines.

Individual craftsman services, such as windows, house and sliding doors, furniture, or cabinet systems are all part of the family business' portfolio.

For some time, the traditional company has been working on the most efficient use of woodwaste in order to save energy costs.

A Weima ZM 30 four-shaft shredder was in operation there for many years, which shredded the woodwaste at the company's joinery workshop.

Over time, the materials the joinery worked with changed and with them the requirements from the machines. A new shredder was needed.

Managing director, Hendrik Althoff did not have to think twice:

'I knew that the quality of the machines from Weima is right – there was no alternative for us,' says Mr Althoff.

Since the end of 2019 a Weima WL 4 single-shaft shredder has been in the workshops of the family business.

The proven classic, with its robust construction and extremely long service life, has proved ideal for the job. With a rotor diameter of 252mm and a rotor length of 600mm, the shredder shreds wood materials of all kinds.

The innovative hopper with log-spacer design is particularly suitable for shredding large, bulky parts and ensures that no material build-up, or bridging

can form. The high-throughput wood chipper is equipped with the WAP gear developed by Weima, which is extremely low-maintenance and sensitive to foreign material.

All production machines in the workshops of Ulrich Althoff are connected to a modern extraction system. Thus, wood chips and sawdust can be collected centrally in a large swarf bunker.

The produced wood chips are directly transported into the bunker via the suction system, as well. The shredded wood waste is then burned in a wood burner.

In this way, the entire building, including workshops, offices and showrooms, can be heated – without the use of fossil fuels. This is not only cost-saving, but also environmentally friendly.

With more than 35,000 machines sold worldwide, Weima has been manufacturing robust shredders and briquetting presses for the disposal and processing of all types of waste for more than four decades.

Its machines include single-shaft shredders, four-shaft shredders, cutting mills and briquette presses. The popular machines are used in the wood, plastics, paper, metal and waste-to-energy industries, amongst others.

Weima's models are exclusively made in Germany and come from production plants in Saxony-Anhalt and Baden-Wuerttemberg.

Every year, more than 300 employees work on around 1200 customer orders from around the globe.

The company has long-standing sales and service locations in the US, Poland, India and China and more than 80 representatives supplement this global presence.

Fercell Engineering represents the Weima Group as its sole and exclusive stock-holding distributor for the whole of the UK.

Fercell has a long association with the Weima Group brand, and has been delivering its equipment in the UK for over 15 years.



For further information tel Weima on 00 49 7062 95700. Visit www.weima.com.
For further information on Fercell tel 01622 791414. Visit www.fercell.com





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VACUUM TUBE LIFTING FOR INDUSTRIAL WOOD PROCESSES ALL WITH THE HELP OF PALAMATIC

PALAMATIC is a leading supplier of vacuum tube lifting systems to the woodworking industry for handling wood products up to 350kg. With 35 years' experience, thousands of the company's solutions are in use on a daily basis.

A Palamatic vacuum tube lifter uses a single-power medium – vacuum – to grip and lift heavy, or awkward loads.

An electrical vacuum pump (or vacuum ejector pump) creates a vacuum level when a suction pad or gripping device is placed on an object load. The resulting low pressure makes the tube contract vertically and the object load is lifted.

The operator controls the vacuum flow using a simple, finger-touch operating valve, making the work physically easier and safer.

Increasing the vacuum draws air out of the tube and the load is lifted. Reducing the vacuum allows air to enter the tube and the load is lowered. It really is that simple.

Safety of the lifting system is always a priority for Palamatic. The combination of the lifting and gripping functions requires no special interlocks, or devices.

A quick-acting non-return valve and a suction force-vs-lifting force safety factor of 2.5 x, prevent the load from being inadvertently dropped – even in the event of a mains power failure.

Palamatic regularly provides equipment for loading and unloading vertical panel saws, beam saws, dimension saws, flatbed CNC stations, edge-banders and laminators, paint lines and tilt tables.

The most common wood materials handled by its lifting systems include Trespa Jumbo boards, Spandrel panels, MDF, MFC, chipboard, wood, plywood, Sterling board, plasterboard and polycarbonate. Weights up to 350kg can be picked up.

Palamatic is also frequently asked to rotate boards through 90 deg or 180 deg for loading and unloading purposes. Another request it gets is to grip doors by their edges, instead of using suction on the flat face – for example, to avoid wet paint/glue – which Palamatic systems can do with ease.

Woodworking facilities are at a high risk of fires and explosions, due to the unavoidable presence of flammable material in the form of wood and wood products, sawdust, etc.

In response to this risk, Palamatic has developed a range of ATEX-suitable lifting systems and upgrade packages for existing vacuum-lifting equipment, to give companies the peace of mind and confidence to operate safely within hazardous environments.

With its 22,000ft² factory in Chesterfield, Derbyshire, the company is well placed to visit customer sites and for customers to send samples to test prior to Palamatic manufacturing a vacuum tube lifter.

The company has a skilled field engineering team to install the systems and to come in and train customers' operators.

Due to the high demand for lifting systems in the woodworking industry, Palamatic recommends that companies take up a service contract to ensure their systems are kept in good working order.



For further information tel Palamatic on 01246 452054. Visit www.palamatic.com

NILSSON JOINS SYNTEGON'S EXECUTIVE BOARD

JOHAN Nilsson has been a new member of the Syntegon Technology executive board since the beginning of September 2020.

In the newly created position, he is responsible for the new Service and Digital Solutions business unit. Nilsson was most recently head of Service and Industry 4.0 Solutions at Tetra Pak.

At the beginning of the year, Syntegon announced that it would focus on intelligent and sustainable technologies, with a special emphasis on services.

With this in mind, Syntegon expanded its service activities in the wake of the coronavirus pandemic crisis and implemented customer services via digital solutions.

The company is taking the next steps by creating a new business unit for services and digital solutions and appointing a member of the executive board for this area.

'Service and digital solutions are two important focal points of our business. With Johan Nilsson we have gained an absolute expert with extensive experience in these areas. He will help Syntegon to position itself even better,' says Syntegon Technology's chief executive officer, Michael Grosse.

Nilsson (54) comes from Sweden. He studied engineering at Polhemskolan in Lund, Sweden, and graduated in 1986.

From 2002 to 2004 he completed an executive master of business administration from the Executive Foundation Lund.

He started his career in 1987 as a trainee at Tetra Pak and was promoted to head of Services in 2012. Since 2018 Nilsson has been head of Service and Industry 4.0 Solutions at Tetra Pak.

Syntegon Technology is a leading, global, process and packaging technology provider. Formerly the packaging division of the Bosch Group, the company, headquartered in Waiblingen (Germany), has been offering complete solutions for over 50 years.

More than 6,100 employees at 30 locations in more than 15 countries generated a total revenue of 1.3 billion euros in 2019.

The portfolio of intelligent and sustainable technologies includes stand-alone machines, as well as complete systems and services.

For further information tel Syntegon on 00 49 7151 14 2732. Visit www.syntegon.com



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SPACEPLUG'S CLEVER FITTINGS GOING FROM STRENGTH TO STRENGTH

SPACE-Plug has gone from a former fitter's brainchild to sales in excess of 3.5 million units. That former fitter is entrepreneur and managing director of Space-Plug, Cliff Petit.

'I'm over the moon! In all honesty, the concept had been in my head for such a long time, it's actually been 25 years in the making, but it's now well and truly made!' says Cliff.

Space-Plug's approach might be unusual in the modern world, but it seems that the old-school business plan of not spending it until you have made it is paying off for the company.

This year the company is set to break out of the cottage industry-style of business and it is looking to gear up in earnest with plans for major investment directly from company funds.

'Taking a bit of time to build a business has proven to be the right move. There is such a trend to look for the instant gratification of major investment, but avoiding that means we are now able to invest in major growth without any leverage against future profits safe in the knowledge that Space-Plug is hugely popular with an ever-growing list of delighted users,' says Cliff.

'Space-Plug hits five-star reviews across the board and the "orange doofer" fan club just keeps growing. As someone who's done the job, I know, if you're not into Space-Plug you're just missing out!'

'The company was started with just £3,000 borrowed from the bank of Dad,' says a smiling Cliff.

'This year Space-Plug is growing fast and our joint investment plan with our fantastic new manufacturer based in Sussex – Masona Plastics – is looking to top £200,000!'

'These extensive plans, as well as the new manufacturing partnership, include new commercial management input, new tooling for the Mark II plug, new automated packing machinery, new patent applications, new products, new SKUs, new territories, new markets, new distribution, new media, a new website and, of course, many new customers for this former fitter's brainchild.'

For further information visit tel Space-Plug on 07901 553290. www.space-plug.com



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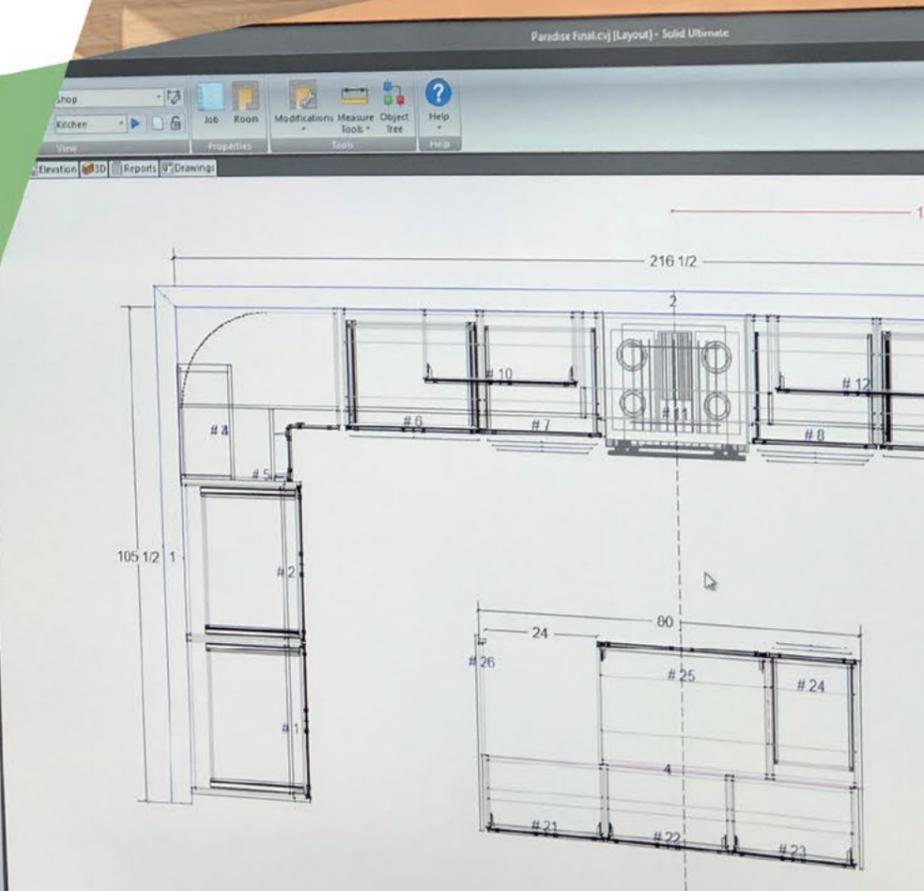
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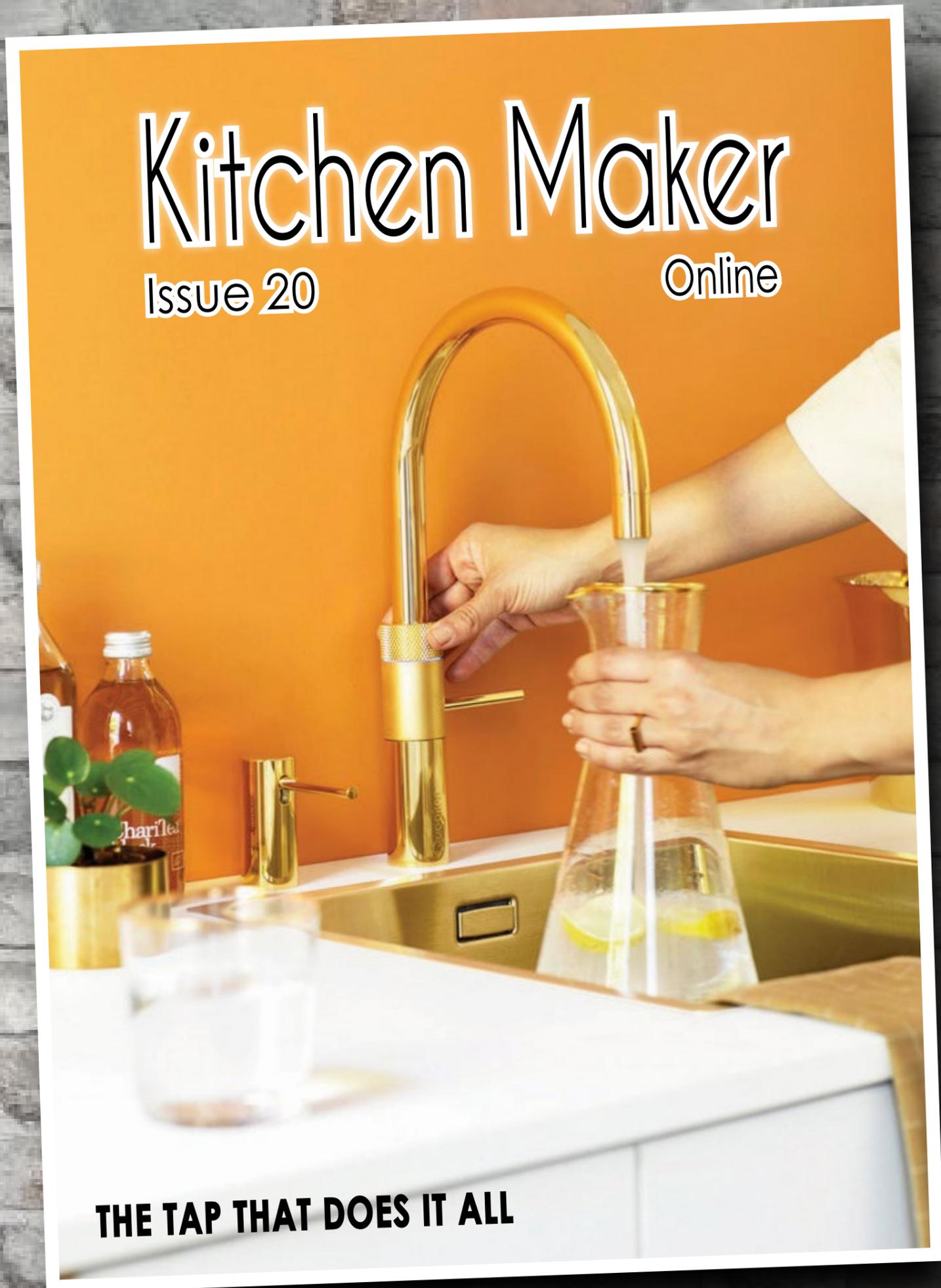
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