

DO YOU
WANT
THIS
SPACE
FOR £50
A MONTH?

bill.willowe@gmail.com

INDUSTRIAL WOODWORKING & PANEL PROCESSING

MAY 2022

DO YOU
WANT
THIS
SPACE
FOR £50
A MONTH?

bill.willowe@gmail.com

HUNDEGGER MAKING THE CONNECTION



The Robot Max (pictured here) is capable of machining in six axis laminated timber to a massive 1,300mm x 600mm cross section, with some of the components weighing more than five tonnes.

A WIDE RANGE OF VENEER EDGING

CAMCO veneer edging is from the highest grade veneer. It is manufactured in Germany.

Cameo offers a wide range of veneer edging from local and foreign tree species, as well as fine-line veneers of various thicknesses and widths, supplied in rolls, or in strips, pre-glued, or unglued, fleece-backed, sanded and, upon request, also brushed and lacquered.

Cameo offers only the highest quality veneer. Cameo customers are offered the widest

selection of products in different patterns, as well as thickness and width sizes.

Currently, the offer comprises around 3,000 colours and patterns of 300 types of ABS edge-banding tapes, 80 types of melamine edge-banding tapes, 40 types of CPL edge-banding tapes used on worktops and 35 types of edge-banding tapes made of natural veneer.

In this way, Camco can provide its customers with a wide possibility of choice and an overall solution - all in one place.

Consulting with the intention to provide support at an optimal level, Camco offers its clients consulting services delivered at their premises.

Cameo specialists are ready to provide assistance for any kind of technical problem. Flexibility of Service customers are welcome to present their specific requirements,

For furniture manufacturers, Camco offers edge-banding tapes for painting intended for edge-banding and subsequent varnishing.

The Camco range includes melamine and ABS edge-banding tapes for painting and dedicated edge-banding tape for painting PP-Wood.

Edge-banding tapes for painting are available in various thicknesses and widths and are intended for lacquering with PUR, as well as water-based lacquers.

For further information tel Camco on 028 92 64 66 88. or 07808 130293.
Visit www.camco.uk

HUNDEGGER AG is proud to witness the company's proven technology and innovative machinery being used to process components for many of the world's iconic structural timber buildings.

The applications for Hundegger in the UK, expand into cutting components for roof trusses, timber frame, glulam, LVL, IJoists and many installations in green oak joinery production.

In all applications the ability for Hundegger's Cambium software to seamlessly link to design software, to take the designs directly

into processing is as step by the company "Powerful and Paperless".

Challenging and innovative designs become possible and profitable, with Hundegger. Importantly as part of the Hundegger process, all timber use is optimised and yield and waste are under careful control.

Hundegger invites interested parties to make contact to see how they can benefit from Hundegger technology by offering a simulation of their production operation in order to demonstrate "where you are and where you could be".

For further information tel Chris at Hundegger on 07512 155156
Visit www.hundegger.com or email: chris@hundeggeruk.com

100 YEARS OLD AND STILL GOING STRONG

THIS year, German woodworking machinery giant, Martin celebrates its 100th anniversary and, in doing so, honours the legacy begun by company founder, Otto Martin Snr (pictured right).

In 1930, Otto Martin became sole proprietor and the company was given its present name - Otto Martin Maschinenbau.

Commemorating its 100th anniversary, the company and its products have a new look, befitting today's spacious, brighter modern workshops.

For the full story of Martin's development over the past century, please turn to Pages 8 + 9 of this issue.



30 YEAR ANNIVERSARY

WITH 30 years of business and a commitment to the UK & Irish markets, GreCon is celebrating a significant milestone

Established in April 1992, GreCon is located just outside of Newcastle-upon-Tyne and is a member of the Fagus-GreCon Group.

Thanks to the commitment of GreCon's

worldwide team (including over 650 employees), the company is the leading global partner of customers in every business area, operating globally and being renowned for excellent customer service.

With a wealth of experience as a global market leader, GreCon demonstrates a strong understanding of customer needs and provides turnkey solutions for multiple industries, including the wood-based panel industry and more.

GreCon's fire prevention technology protects industrial premises, processes and people, detecting and extinguishing ignition sources, making workplaces safer and enabling uninterrupted production.

For the full story (including news of the launch of the GreCon IEM (Intelligent Extinguishing Module), please turn to Page 4.



Fagus GreCon

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

Email us at: bill.willowe@gmail.com

CREATIVE USES FOR CNC ROUTERS

CNC routers have been around for a long time and, because of that, many people discount them as old technology. However, these machines are very versatile and sign shops and other businesses continue to find new and creative uses for them.

Routers come in all sizes, from small models used by hobbyists to larger models for building furniture and large 3D signs.

What drives demand for CNC routers is their precision. Higher-end models can cut within 1,000th of an inch on MDF, aluminium and various sign foams.

Mark Gawor, owner of the GRG Group Inc in the USA uses his computerised CNC routers and laser cutters to make intricate architectural models of football stadiums, office buildings, resorts and even oil drilling platforms.

He constructs his models out of styrene - a thin and soft plastic. As his models have to be precise, Mark Gawor says that he often needs to use the slower, older router technology to produce the best and most accurate scale models.

'We've been doing this for over 40 years. We have figured it out, what works and what is not worth it,' he says.

As he isn't running his routers on heavier materials, the spindles last a very long time. He likens his use of a router to someone running a pick-up truck to pick up the week's shopping.

'We are not abusing it, but it is accurate. It is running and it is great and they are really capable machines. Routers are very under-appreciated,' he says.

Mark has made scale models of the AT&T Stadium - the home of the Dallas Cowboys, college stadiums, soccer stadiums and venues for the Olympics

President of Computerised Cutters, Carl Ondracek, says that most routers offer the same features, but some are better than others when it comes to precision cutting. Carl has been building routers for 25 years. All of them are capable of cutting out 3D designs, such as push-through and channel letters.

According to Carl Ondracek, channel letters are currently the most lucrative part of the sign industry.

'This process is growing in leaps and bounds and most people out there are using routers to cut aluminium backs and plastic faces. That's where most of the money is,' he says.

He doesn't see shops getting into specialty cutting as much, but some use their routers to do ADA braille signage.

Instead of engraving holes into a sign where plastic balls can be inserted, a router cuts the surface, leaving the raised braille bumps behind,' says Carl Ondracek.

Other people are using their routers to create 2D, or 3D moulds for thermo-form projects.

Computerized Cutters primarily sells routers to the sign industry. The biggest things they use a router for are acrylic letters and name badges.

'Routers are so versatile. Most people buy them for one reason and find five other reasons,' says Carl.

'For attachments, most sign shops want an engraving head and a tangential knife for cutting materials. Most routers will use a rotating router bit. A drag knife can cut through Coroplast, which are corrugated plastic sheets and other foam products.

Steve Alvarez of Laguna Tools, emphasises that the company's customers use routers to make signs, furniture, cabinets, textured wall panels, plastic and aluminium parts for industrial applications, trade show booths, art pieces, car audio speaker enclosures and musical instruments.

'CNCs allow customers to be creative in a totally different way. The speed and accuracy of these machines give users the ability to produce parts that are too time-consuming, too complex, or too expensive to make by hand,' says Steve Alvarez.

'By reducing production times, parts become cheaper and faster to produce, allowing workshops who own a CNC to increase profits, or to offer a more competitive price to their customers,' says Steve.

He says that a carpenter may think of building something by hand, but his process is completely different from working on a CNC router.

CNCs can be used to design joinery, or 3D elements that a carpenter couldn't do with a saw, hammer and nails.

'Routers make these types of shapes easier and allow carpenters to use different joinery methods to create different aesthetics,' says Steve.

'Once they get their head around how this works and use the software to get the idea into the machine for machining, they open up a huge option for them to do whatever they want,' adds Steve.

Laguna Tools has one customer who uses a CNC router to build wooden bike frames. Another customer makes ornate theatre props.

According to Steve, textured wall panels are becoming very popular. One customer built his custom home with 3D wall panels.

'The house itself looks like a big white wave and he used his CNC for design elements of the entire house,' says Steve.

'People are using these in so many capacities nowadays. They are not just limited to wood, or plastics.

'We have a guy in Vietnam who makes entry gates for homes, or driveways, all in machined 3D aluminium. It all comes down to tooling. You have to purchase the right tool for the material you are working with,' says Steve.

All of Laguna's routers, lasers and plasma tables have one thing in common. They have user-friendly controls, so the learning curve isn't as steep as other systems.

'We like to keep it simple for our customers. We recommend the easiest software that we can, depending on a customer's needs,' says Steve.

Finding out what the customer needs the router for, their background and familiarity with this design software will determine the type of machine needed. Design trends in the sign industry are always changing.

'A router opens up any material a sign company would ever want to work with. By having a CNC, it gives them the ability to step out of the 2D designs that, in the past, were what most signs were made of,' says Steve.

'Now they can make 3D designs, or add 3D elements and aesthetics to their signs,' he adds.

National sales manager for the Axyx Automation Group, Larry Daignault says that many of his company's clients in Los Angeles use their CNC routers to make scenery and sets for movies and television programmes



West Midlands-based CNC Routing has added a purpose-built large-format router from AXYZ to complement and extend the production capabilities of the AXYZ 4010 and 6010 machines already installed.



An AXYX CNC router can be used in the manufacture of an exhibition trade stand, such as this Mirka trade stand at the NEC in Birmingham.

The company also sells a lot to custom road case manufacturers. These are specialised cases to hold sensitive equipment, or musical instruments.

The hard outer shell is usually made with wood and aluminium, whilst the interior is cut with foam.

AXYZ also makes large-format routers for aluminium and metal composite cladding for the architectural and design industry. Many buildings are being clad with aluminium composite material.

'The exhibition and display industry is growing quickly,' Larry Daignault.

'Many companies will manufacture a custom trade show booth for clients. They use routers to make customised stands and tables, backdrops, signage and cases to hold lighting.

The print-to-cut market is becoming very popular. Once a print comes off a flat-bed UV printer, the sign shop can place the design on the router to cut it out.

Cabinetry and woodworking industries use routers to undertake general and customised woodworking, to make furniture and displays, tables and customised benches.

'We also work closely with companies which build customised emergency vehicles, such as fire trucks and ambulances,' says Larry Daignault.

AXYZ also works with companies that manufacture motor homes.

AXYZ designs its routers so that they are capable of adding additional tools to the machine, like an automatic tool changer, or a vision system, even if the machine wasn't initially purchased with that capability.

For further information tel AXYX on 01952 291600. Visit www.axyz.co.uk



The AXYZ 4010 is a large format CNC router suitable for decor, signage and displays for the retail sector.

WOODS - PERFECTLY SUITED FOR LASER CUTTING

TROTEC, a market-leading supplier of laser technology and engraving materials, can offer huge savings on solid and veneered wood sheets.

Trotec's high quality woods are perfectly suited for laser cutting and engraving, so designs can be taken from ideas to reality in a few minutes, with outstanding results.

Both the solid and veneered ranges feature a selection of wood finishes, with five solid wood and six veneer options, including popular finishes

like cherry veneer and solid alder wood.

'Our wood sheets remain a staple of our materials range, with the high quality finish of each sheet, providing customers with the optimal material to create high quality products,' says consumables manager, Dan Wilkinson.

'Our dedicated consumables team is always available to advise businesses large, or small on which products are right for their application,' adds Mr Wilkinson.



For further information tel Trotec on 0191 580 1182. Visit www.troteclaser.co.uk

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

Email us at: bill.willowe@gmail.com

FUME EXTRACTION & LASER FILTRATION SYSTEMS

ALTHOUGH laser machines themselves don't produce fumes during operation, the material being processed usually does and it's essential to have these fumes removed from the working area and either out of the building, or into a self-contained fume filter.

At HPC Laser the staff are often asked about the differences between the company's standard extraction to atmosphere and the option for a fume filter system.

Here we take a closer look at the options available for dealing with the fumes emitted by cutting various material, including wood.

As standard, HPC Laser machines are supplied with an extraction fan unit and two lengths of flexible hosing. One hose is installed between the laser machine cabinet and the extraction fan.

The other hose is installed between the extraction fan and the interface to the outside world - typically a hole in an outside wall, together with a louvred, or flapped cover plate on the outside to prevent rain and moisture entering the extraction system.

If the layout of the building is not suitable for extraction to atmosphere, it is worth considering a self-contained fume filter system.

Instead of ventilating the laser fumes to the outside world, a fume filter typically uses a combination of a HEPA (High Efficiency Particulate Air) pre-filter and a combined filter, which contains activated charcoal.

The HEPA filter captures the airborne particles in the extracted air. The result is extracted air, which is safe to circulate. For this reason HPC Laser uses fume filters to demonstrate laser machines at exhibitions and they are often selected for larger premises,



such as schools and universities, where it may not be possible to extract through an outside wall.

For fume extraction into a filter system, HPC Laser works directly with the global lead in fume extraction technology, BOFA International. The company's working relationship with BOFA means supplying fume extraction filter systems and filter replacements for an excellent price.

BOFA filter cartridges need to be changed once they are saturated. Depending on the exact model of filter unit, an alert would usually be produced once the pre-filter was sufficiently full to affect airflow.

Once the carbon filter is saturated, an increase in fume aroma will be noticed, indicating that it is time for the filter to be changed.

Some models of BOFA fume filters have an additional VOC (volatile organic compound) sensor that enables an alert to notify when it is



time for the carbon filter to be changed.

The time taken for the filter cartridges to require changing varies significantly depending upon individual machine use and the particular materials that are being processed.

For example, MDF produces a high concentration of dust and airborne particles, which will fill the pre-filter cartridge much faster than acrylics.

They are typically low on airborne particles and have much higher levels of volatile organic compounds, which will saturate the carbon filter.

Some materials, such as HPC's laser plywood, is particularly well suited to laser cutting and produces excellent results with a minimum of smoke and fumes.



For further information tel HPC Laser on 01422 310800. Visit www.hpclaser.co.uk

A PERFECT LASER CUTTER & ENGRAVING MACHINE

THE Trotec Laser Speedy SP 1500 is the company's largest, most powerful flat-bed laser cutter and is just one model from a range of laser cutters from the Newcastle area based company.

Designed with furniture manufacturers, joiners and sign

makers in mind, this CO2 laser cutting and engraving machine is claimed to be the perfect tool for demanding and versatile applications.

The 400 watt laser can cut through thick wood, having a

robust flat-bed, which can handle large sheet material.

With the addition of the heavy load table, the SP1500 can process objects up to 50kg in weight and is thus perfect for thick sheet material



Key Features

- 1500mm x 1250mm working area.
- 7.5in lens, perfect for cutting thick material.
- Optional heavy load table for objects up to 50kg
- InPack Technology protects inner components, creating a virtually maintenance free laser.
- Head-mounted extraction removes debris whilst cutting.
- Intelligent path control reducing cutting time.

Personalised demonstrations on a range of Trotec's flat-bed lasers can be arranged at one of six additional showrooms located throughout the UK and Ireland.

For further information tel Trotec on 0191 580 1182. Visit www.troteclaser.co.uk

TROTEC LASER GOES ON THE ROAD IN THE UK

FOLLOWING a year of cancelled events and changes to our working lives, Trotec Laser hit the road recently taking a cohort of laser machines on tour throughout the UK.

The roadshows were designed to bring Trotec's laser cutters and engravers to a wider audience. These events proved to be ideal for businesses interested in seeing how the introduction of laser technology can improve workflow and profitability.

Each roadshow appointment was tailored to the specific needs of the visitor. From improving productivity, or production quality with a laser, to building the foundations of a successful start-up company; these sessions provided attendees with a thorough overview of the capabilities of Trotec laser systems. Delegates were even invited to bring their own materials and design files for testing.

Machines in action

The roadshows featured a wide range of



Trotec's laser cutters, including the next generation Speedy 400 laser cutter. Trotec's largest flat-bed laser system, the Speedy 400 offers cutting edge processing and is up to eight times faster than comparable laser cutters.

In addition, the Speedy 300 Flexx with both CO2 and fibre laser source were used to demonstrate to roadshow attendees the versatility of material applications that are possible with a laser. These roadshows proved to be extremely popular.

Bringing Trotec to a wider audience

'After a year of so much uncertainty, Trotec was delighted to bring its range of market leading laser machines on the road,' says sales director, Bryan Jater.

Whilst our showrooms serve as the first point of call, these roadshows allow us to bring our lasers to a wider audience and give people hands on experiences that are not possible through online demonstrations,' adds Mr Jater.

For further information tel Trotec on 0191 580 1182. Visit www.troteclaser.co.uk

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

Email us at: bill.willowe@gmail.com

MAKITA PUTS THE POWER IN YOUR HANDS

MAKITA UK has expanded its powerful XGT 40VMax range of machines to offer professional users even more high-power products to aid their efficiency and productivity on site.

LS003G XGT 40VMax 305mm brushless slide compound mitre saw

The new LS003G has been designed for high precision and consistent smooth cutting. It has an LED lamp that casts a helpful shadow of the saw blade on to the workpiece, acting as an accurate cutting line.

The LS003G delivers an impressive no-load speed of up to 3,600rpm and has a maximum mitre range of 60 deg to 60 deg (left to right) and a bevel range of 48 deg to 48 deg (left to right).

For maximum versatility, the LS003G's rail forward design means that the rear of the machine can be placed close to the wall and the sub-base supports a wide workpiece.

For improved safety, the LS003G also features Makita's auto start wireless system, which automatically connects the LS003G to compatible dust extractors via Bluetooth, so that when the machine is in use, the dust extractor automatically runs.



of 1.1m³/min, sealed suction of 10.3kPa and air pressure of 20.6kPa.

With four air volume options to choose from and one touch nozzle replacement, it is easy to adjust the tool to suit the task in hand.

The AS001G also includes a filter to prevent foreign matter from being sucked in and damaging the tool.

VC001GL and VC003GL XGT 40VMax L-Class dust extractors

With Makita's powerful XGT 40VMax technology at their core, the VC001GL and VC003GL dust extractors deliver impressive output that is equivalent to corded alternatives.

Both machines can house two XGT 40VMax batteries, so that when the first battery runs out of charge, the second one automatically kicks in to keep the machine running for longer.

In order to improve productivity further, both models have large tank capacities of eight litres and 15 litres respectively, preventing the need to regularly down tools to empty the dust bag.

With numerous power options available, including "high power" and "quiet" modes, users can easily select the most appropriate setting for the application.

The VC001GL and VC003GL can also be used for both wet and dry vacuum cleaning, providing professionals with a solution for every job. For wet vacuuming, the machines

benefit from IPX-4 water resistance rating. The VC001GL and VC003GL's quiet operation means that they can be used in occupied premises with minimal disruption to the building's occupants.

CW001G XGT 40VMax cooler/warmer Box

The CW001G is the perfect job site companion. This 20 litre cooler and warmer box has a total of seven temperature settings ranging from -18 deg C up to 60 deg C, to either cool, or warm food and drink items, for year-round usability.

It also features a bottle opener and USB output port for charging mobile devices. For ease of transportation, the CW001G has large 100mm castor wheels and a carry handle with grips for added comfort.

The CW001G can be powered by four sources, so it can be easily added to any tradesperson's Makita collection. Users can choose from using their XGT or LXT batteries, a car DC utility socket, or an AC adapter.

'At Makita, we are dedicated to offering tradespeople a wide range of cordless solutions to suit any job, or on-site need,' says marketing manager, Kevin Brannigan.

'Our XGT range of products are ideal for those looking expand their existing Makita cordless tool-kits with a selection of even more powerful models suited to higher demand applications,' he adds.



For further information tel Makita on 01908 211678. Visit www.makita.co.uk



AS001G XGT 40VMax brushless dust blower

The AS001G is an incredibly versatile machine. It can be used across a range of tasks, including tool maintenance and cleaning, inflating and deflating inner tubes, blowing dust away from equipment and cleaning air conditioner filters thanks to its blower and vacuum modes.

For increased usability, it delivers a maximum air volume

30 YEAR ANNIVERSARY MARKS A SIGNIFICANT MILESTONE

WITH 30 years of business and commitment to the UK & Irish markets, GreCon is celebrating a significant milestone.

Established in April 1992, GreCon is located just outside of Newcastle-upon-Tyne and is a member of the Fagus-GreCon Group.

Thanks to the commitment of GreCon's worldwide team (including over 650 employees), the company is the leading global partner of customers in every business area, operating globally and being renowned for excellent customer service.

With a wealth of experience as a global market leader, GreCon demonstrates a strong understanding of customer needs and provides turnkey solutions for multiple industries, including the wood-based panel industry and more.

GreCon's fire prevention technology protects industrial premises, processes and people, detecting and extinguishing ignition sources, making workplaces safer and enabling uninterrupted production.

In addition, GreCon's measuring technology solutions help customers improve product quality in their production processes, using proven German engineering to reduce material and energy costs, ultimately maximising operational efficiency.

During these 30 years, the company has focused on developing sustainable relationships with its customers and adopting the role of a strategic partner.

Founding GreCon Ltd in 1992 enabled a more local connection and enhanced response times. As a result, customers across the UK & Ireland depend on GreCon for consultative and problem-solving sales engagement and first-class customer service.

In addition, fast deliveries of parts and systems are possible, due to comprehensive local stock-holding and local manufacturing of water pressurisation systems, which provide a dedicated water supply for our fire prevention systems.

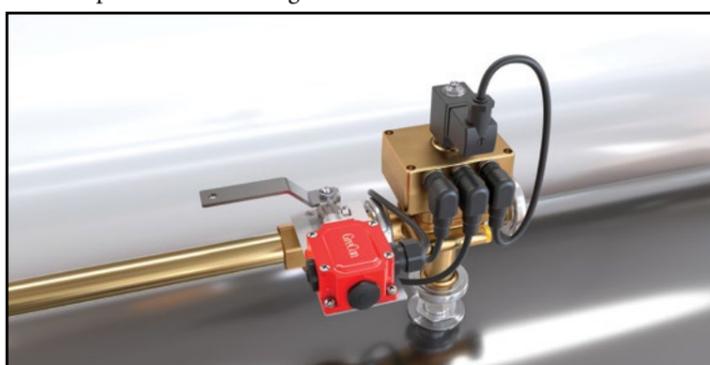
Due to a solid track record of performance and growth,

it has been possible for GreCon Ltd to include customer requirements in the technology roadmap and contribute to developing innovative new products.

A recent example of this development is the launch of the GreCon IEM (which stands for Intelligent Extinguishing Module).

The GreCon IEM was launched in April as a fit for the future addition to the intelligent fire prevention solutions portfolio.

The GreCon team is keen to discuss this newest product's features and benefits, how it can form part of a compelling fire prevention solution and how it can take the intelligence and reliability of existing spark extinguishing systems to the next level. Critical benefits include more rapid extinguishing of sparks and harmful ignition sources.



In addition, integrated intelligent extinguishing technology (IET™) enables highly precise extinguishing process monitoring and predictive maintenance control.

The company is also undertaking recruitment for roles in a new service and operations department, streamlining the former structure.

A head of service and operations and service co-ordinator is among the roles sought. This recruitment will ensure additional skills and expertise address current and future needs and ensure customer expectations remain in focus.

'We have a solid track record of providing a first-class service to our customers, who rely on GreCon to add vital protection and to help them optimise their manufacturing process,' says managing director of GreCon Ltd, Jonathan Hamill.

'Today we celebrate our 30th birthday and pause to celebrate the contribution of the whole team and the loyalty of our customers.'

'We also reflect on our business success and our tremendous opportunity to make people and places safer and factories smarter,' concludes Mr Hamill.

'This significant business milestone and 30th anniversary reaffirms our commitment to the UK & Irish markets,' adds joint managing director, Uwe Kahmann.

'We fully support GreCon Ltd and are committed to our role as a strategic partner to our customers.'

'We thank the team for delivering a vital contribution in looking after our customers even during difficult times, such as the current pandemic.'

'We will continue to invest in innovative products and equip our organisation to continue delivering the best in class customer service our customers expect,' concludes Mr Kahmann.

For further information tel GreCon on 0191 414 7200. Visit www.grecon.co.uk

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

Email us at: bill.willowe@gmail.com

Premium class
sliding table saws.

T66



ConnectControl
Technology



T66 with ConnectControl

With the new MARTIN T66, we have developed a real all-rounder that combines the advantages of the large machines. The machine with a saw blade that can be tilted to one side is the ideal entry into the MARTIN world of sawing and convinces with practical advantages for your everyday work. For example, the T66 offers powerful, continuously adjustable rotational speed control already as standard.

ConnectControl stands for the patented control concept that characterises the latest generation of sliding table saws from MARTIN. With ConnectControl, you get a uniquely designed, highly efficient control concept that not only opens up completely new horizons for machine operation, but also unlocks the entire world of modern data exchange.

MARTIN

www.martin.info

England and Wales – MWM Markfield Woodworking Machinery Ltd. – www.mwmachinery.co.uk

Scotland – AWMS Engineering Ltd. – www.awmsltd.co.uk | WS Woodmachinery – www.wswoodmachinery.co.uk

Northern Ireland – Electro Tech Machinery Ltd. – www.electrotechmachinery.com

Republic of Ireland – HIGH-TECH MACHINERY Ltd. – www.high-tech.ie

MORE CHOICE, WHENEVER YOU NEED IT, WITH THE NEW IRONMONGERYDIRECT CATALOGUE

LEADING specialist trade supplier, IronmongeryDirect has released its latest catalogue, showcasing the key highlights from its range of over 18,000 in-stock products.

Perfect for browsing whilst on the go, the Spring/Summer 2022 edition is available to order for free delivery, or to view directly from the retailer's website.

Packed with information on its key product lines, as well as new additions to the line-up, the new catalogue features a wide range of products for woodworkers, joiners and carpenters to choose from, including:

Carlisle Brass

IronmongeryDirect has added more products from UK designer, Carlisle Brass. The stylish range includes knurled radio cabinet knobs and further additions to the Serozzetta collection of door handles and escutcheons. These premium products are available in five different finishes, including polished chrome, matt black and antique brass.

Rothley hairpin legs

For cabinet and furniture projects, a wide choice of hairpin legs from Rothley is now available to order. Modern, minimal and perfect for achieving an industrial, or mid-century modern look, these legs are available in a variety of sizes in two, or three-pin formats, with four finishes, including polished copper, gun metal and matt black.

Altro door hardware

The new catalogue also features a number of new products from IronmongeryDirect's exclusive Altro collection of door hardware solutions. This extensive range includes turn and release solutions suitable for every interior style, including antique brass, matt black and satin nickel.

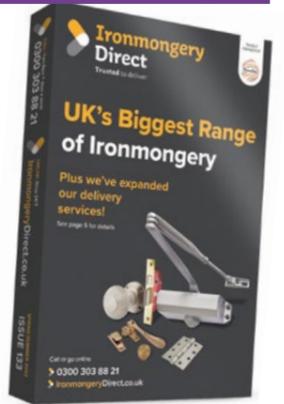
'We are pleased to introduce our latest catalogue as a useful tool for busy tradespeople to browse while on the go,' says category manager at IronmongeryDirect, Roland Etheridge.

'With over 18,000 products in stock, the catalogue showcases some of our key ranges, as well the latest products that we have introduced to ensure that we continue to help

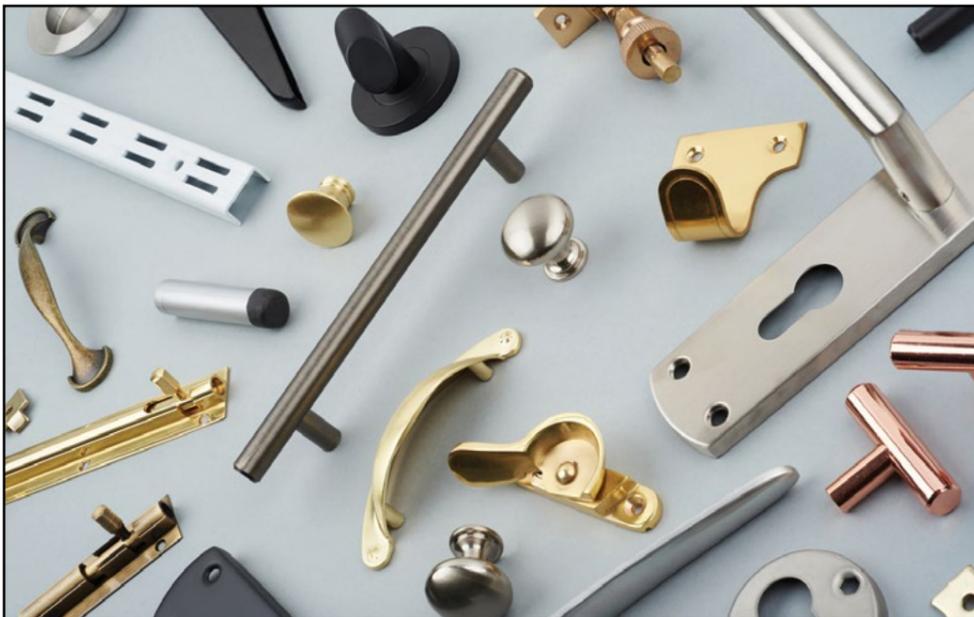
professionals meet the different demands of each job,' adds Mr Etheridge.

IronmongeryDirect is the UK's largest online supplier of ironmongery to the trade. With over 18,000 products in stock, including everything from cabinet hardware to sliding door gear.

Woodworkers, carpenters and joiners can choose from a range of flexible delivery options to meet the needs of their busy schedules, including free next day delivery on orders over £45 ex VAT, same day delivery to postcodes in selected areas of London and the East of England, as well as click and collect from 6,500 pick up points across the UK.



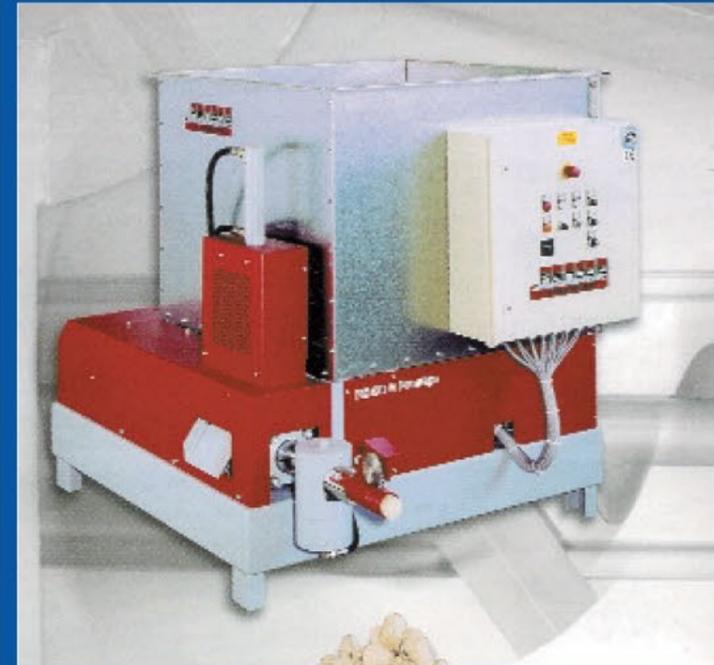
For further information visit www.IronmongeryDirect.co.uk.



To find all the latest news online go to www.industrialwoodworking.co.uk Email us at: bill.willowe@gmail.com

Wood Waste Control

Your *complete* extraction solution



- dust extraction systems
- shredders
- chippers
- briquette presses
- warm air heaters

01628 525290

info@woodwastecontrol.co.uk

WWC

WOOD WASTE CONTROL (ENG) LIMITED

www.woodwastecontrol.co.uk

MARTIN - A FAMILY SUCCESS STORY SPANNING THE PAST CENTURY

THIS year, Martin celebrates a monumental milestone. For 100 years the company has represented the very best of premium woodworking machinery, honouring the legacy begun by company founder, Otto Martin Sr in 1922.

Otto Martin became the sole proprietor of the company in the 1930s when the German manufacturing company was given its present name - Otto Martin Maschinenbau.



What began as a collection of basic, yet solid machines, has grown exponentially over the following 10 decades to set a benchmark for quality and functionality in the industry.

Origins

The economic upswing of the 1920s provides the backdrop for Martin's origins. In the wake of this boom and a period of remarkable prosperity in Germany, machine builder, Otto Martin and his step brother, the carpenter Heinrich Drexel, registered their business in February 1922.

Together, they had set up a workshop in a barn on their parent's property in Benningen. The first woodworking machine was built with a wooden work-table and base, with iron and cast iron only gradually emerging for these parts.

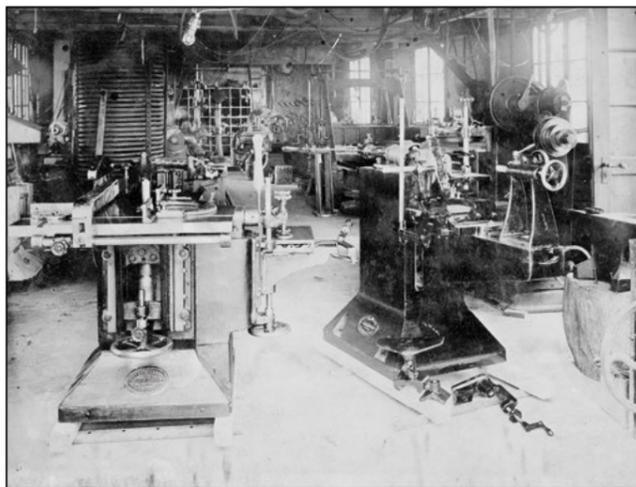
From that day onward, the machines were given the innovative concept of being built on a concrete base, laying the foundations for the composite stands used today.

Towards the end of the 1920s the first slurry pumps were manufactured, multiplying to the hundreds over the ensuing decades.

Consolidation

The 1930s represented a period of consolidation for the company. In 1930, Otto Martin became sole proprietor and the company was given its present name - Otto Martin Maschinenbau.

Following his marriage to Maria Guggemos, Otto built his own workshop at his father-in-law's house, moving the business



The first woodworking machines produced by Martin were built with a wooden work-table and base, with iron and cast iron only gradually emerging in later years.

During the 1930s Martin developed a tractor with 20hp. It proved to be a particularly popular machine in its time - and like the tractor, the Martin T75 sliding table saw remained a staple in the company's portfolio for some time.



in the autumn of 1930. As the mid-1930s saw increased mechanisation in agriculture, the opportunity arose to develop a Martin tractor with 20hp power.

This tractor, named F22, was produced from 1936 onwards and became increasingly popular as a particularly powerful machine in its time.

In 1938, pressure from the Berlin government led to an agreement with the company, Xaver Fendt & Co, in Marktoberdorf on the joint construction of the standard type F22.

The first tractors of this type, based on Martin designs, were delivered in 1939.

1939 saw another key step as, after many years of purchasing castings from suppliers, the company was able to secure a foundry of its own.

Though not necessarily perfect, this marked a crucial first step toward independence.

As the decade drew to a close, the work force numbered 15 employees, with a workshop area that had more than tripled in size.

Shadow of wartime

Just as Martin had really started to build momentum, the Second World War had a staggering impact on the company and its employees.

Although tractor production flourished, restrictions cast by the war increasingly impacted upon the supply of materials. However, perhaps the most devastating impact were the call-ups, which resulted in a dwindling workforce.

It was only the take-over of so-called sub-supplies from armament companies that provided some protection from draft calls for the predominantly young workforce.

The increasing difficulties led to the cessation of tractor production in 1942 and, in the following year, the workforce was reduced to just 90 employees.

As the war rumbled on, the production of agricultural pumps - which were manufactured bypassing the controllers of the armament command - was the only real means of survival for the company.

However, April 1945 witnessed the majority of the employees being dismissed and the company came to a complete standstill.

June 1945 saw a spurt of re-employment and, by the end of 1946, 197 pumps had been delivered.

Driven by his affection for tractor production, Otto Martin decided to take to the drawing board again and designed the S11 tractor, an 11 hp farm tractor.

A slump in agricultural sales in 1949 dealt another blow to the company, leading Otto to contemplate his earlier success in the construction of woodworking machinery.

As cities destroyed by the war began a lengthy process of repair, the construction industry boomed and a combined spindle moulder was developed in record time ...

A new course

The 1950s was a crucial moment in the company's history, as it saw the company's focus set decidedly (and enduringly) upon the manufacture of woodworking machines.

It was Martin's participation in national exhibitions that truly laid the company's foundations for success.

First in Frankfurt and Munich, then from 1951 in Hanover, these trade fairs played a vital role in establishing the Martin name in new professional circles and growing its foreign customer base.

Relationships with its core trading partners, (some of which still exist today) were also integral.

Austrian trading house, Schachermayer, is the company's oldest trading partner, dating back to this time, alongside



A view from the past - it is now 10 decades since Martin first began to set a benchmark for quality and functionality.

Papenbroock in Hamburg-Rellingen and Dr Keller in Freiburg.

The remainder of the decade witnessed many positive milestones for the company, as the workforce grew to over 130 employees; the production halls were constantly being expanded and an exporter in Hamburg began selling its machines in the US.

The T75 sliding table saw was introduced - representing a milestone machine for Martin and for its customers. It remained a staple in its portfolio for a full 20 years.

Passing on the legacy

As new export countries opened up in the 1960s, the popularity of the Martin brand grew year on year.

The company's product range now included table saws, sliding table saws and combination machines, as well as surface and thickness planers.

The idea of replacing the steel transport rollers on thickness planers, which were common at that time, with the rubber transport rollers that are predominantly used today, also dates back to this time. This caused quite a stir, particularly amongst Martin's competitors.

In 1963, Martin's production exceeded the 1,000 mark for the first time whilst, in 1966, the legendary T23 was introduced for the first time as a tilting arbor spindle moulder.

It is fair to say that this spindle moulder, which was very popular with carpenters, made a significant contribution to Martin's reputation.

In April 1964, Otto Martin Sr sadly passed away and his sons, Otto Martin junior and Max Martin joined the company. Since this point, the company has been titled - Otto Martin Maschinenbau GmbH & Co. KG.

Technological advancement

The 1970s saw something of a sea change in the technology available to Martin with its sliding table saws being equipped with scoring aggregates that could be adjusted while the machine was running.

In 1972, the production of horizontal panel saws and pressure beam saws began. The T80, as the machine was called, could already tilt the saw blade to 45 deg.

In the second half of the 1970s, the T83 pressure beam saw was introduced. In this machine, a steel-concrete composite column was used for the first time, borrowing from the company's own development from 1924. In addition, during in the second half of the decade, the first machines were equipped with an automatic DC brake.

In 1979, production of the T75 was discontinued. The machine was produced with great success for 20 years and many joinery workshop still have one of these machines.

The successor to the T75 - the T70, was the first standard machine with a composite column.

Progress

At the beginning of the 1980s, the first "real" computer, a Nixdorf, was purchased. It initially had three screens and a printer.

View of the town of Ottobeuren, with the Martin factory in the foreground.



The purchase price was, from today's point of view, an astronomical 70,000 DM, which equates to €35,800.

The T71, which had replaced the T70, was "the first machine in the world that could be equipped with a so-called parallel cutting device", the company is proud to claim.

With the help of this special equipment, it was easily possible to cut panel formats lying on the left side of the saw blade.

With this equipment, the format saw could almost be regarded as an intermediate between a format saw and a panel saw.

In 1985 a licence agreement was signed with Swiss company, Samvaz. This secured Martin exclusive distribution of the patented TERSA System planing tools and knives in Germany.

The licence agreement also meant that it supplied TERSA planing shafts to competitors, if they wanted to offer a machine with this technology.

Big developments over the pond

The 1990s saw a four-sided planer with the designation T90 being introduced. It was initially only intended for four-sided, smooth planing.

The machine was quick and easy to use and soon gained a large following.

As production progresses, the T90 is equipped with up to three additional shafts, which then allow profiling.

Another key development is the wide scale introduction of electronics into Martin's machines.

The adjusting axes of the machines are equipped with electronic displays, or even controls, whilst electronic controls for tool speed, or feed are now also available at an extra cost.

In the mid 1990s, the T25 CNC was introduced. With this machine and its control system, Martin was able to offer "the first machine with what was then a very powerful electronic control system for up to five axes".

As well as expansion in its product offering, Martin also gained access to the southern European markets following its first participation in the Xylexpo exhibition in Milan, in addition to establishing its subsidiary, Martin Woodworking Machines, in Charlotte, USA. This enabled the company to serve the increasingly important US market directly for the first time.

Relatively quickly, its colleagues in the USA were able to land one of the largest single orders in the company's history with almost 30 machines being sold to a manufacturer of kitchen fronts.

The 2000s

The beginning of the 21st century marked the consolidation of France as one of Martin's most important export markets – remaining its No 1 market to this very day.

A key product milestone came in the form of the T60 PreXision - "the world's first sliding table saw" whose saw blade can tilt up to 46 deg on both sides.

In 2006 and 2007, Martin achieved record order intakes of up to 1,700 machines per annum adding to its market share significantly in many different markets.

In 2010, Martin introduced the T75 PreX. This machine was particularly innovative, due to its 92 deg tilting angle and

205mm cutting height. With the introduction of proAlpha in 2011, Martin was now working with a so-called ERP system – an enterprise resource planning system – across all its operations.

With proAlpha, every process – from quotation to material requirements and production planning to invoicing – is mapped with one piece of software.

Moving forward to 2015, Martin entered a completely new market segment with the introduction of the Q-FIN - a special sanding machines for the woodworking industry.

Thanks to sophisticated technical solutions, continuous window parts are first processed on the top and bottom side and now also on the glass neck with the quality finishing process.

The secret of the machine is the defined cross sanding of the surfaces, which leads to an almost complete elimination of intermediate sanding.

Numerous customers in the window manufacturing industry at home and abroad are now enthusiastic users of this machine, which won gold in the German Innovation Award in 2018.

In response to ever-increasing direct demand from its customers, Martin decided to establish its sales and service branch in Hanover in 2017.

Covid 19 hits

After the widespread industry slump triggered by the lockdowns of March-May 2020, Martin was able to recover in the ensuing months, containing its losses over the course of the year.

Since mid-2021, the company has experienced an "excellent order intake". Initially believed to be a catch-up effect from the lockdown months, this momentum has continued, but with an undesirable wave of price increases from its suppliers.

Though physical celebrations have been dampened somewhat by the pandemic, Martin will nevertheless see numerous changes and additions to its product range in its anniversary year.

The most obvious will be the change of the machines to the new colour, papyrus white. Twenty five years ago, during its 75th anniversary, the colour water-blue was introduced, first as a special colour, then permanently.

Commemorating its 100th anniversary, the company and its products have a new look, befitting today's spacious, bright workshops.

For more than two years, Martin has been developing a sliding table saw under the name "Neuform", which will replace the models T65, T70 and T75. This machine will be marketed as the T77.

With numerous special features, for example an infinitely variable speed control already in the standard version and the completely new operating concept, ConnectControl, this machine will be certain to set new standards.

The T60A and T60C models will be replaced by a machine based on them - the T66. The ConnectControl operating concept will also set new standards on the T66, as on the further developed T14



Photographed here with the Martin T77 sliding table saw are general managers, Michael Hammerer and Uwe Schiemann.

and T29 spindle moulders.

An old acquaintance will come back on board as the T32, only this time from Otobeuren manufacture. This combined thickening and surface planer has been thoroughly developed on the basis of the TP300.

Last but not least, the company's Q-FIN has also recently undergone a decisive further development with the newly developed chamfering unit and the motor-adjustable side brushes.

Looking to the future

The past century has proven to be quite a journey for Martin, filled with abundant success and a number of bitter failures and testing times.

Martin is proud of its heritage and the challenges that have made it the illustrious brand it is today.

For further information tel Martin on 00 49 8332 9110. Visit www.martin.info



For more than two years, Martin has been developing a sliding table saw under the name "Neuform" It will be marketed as the T77.



Here we see the complete range of woodworking machinery offered by German manufacturing giant, Martin.

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

Email us at: bill.willowe@gmail.com

SPACE PLUG

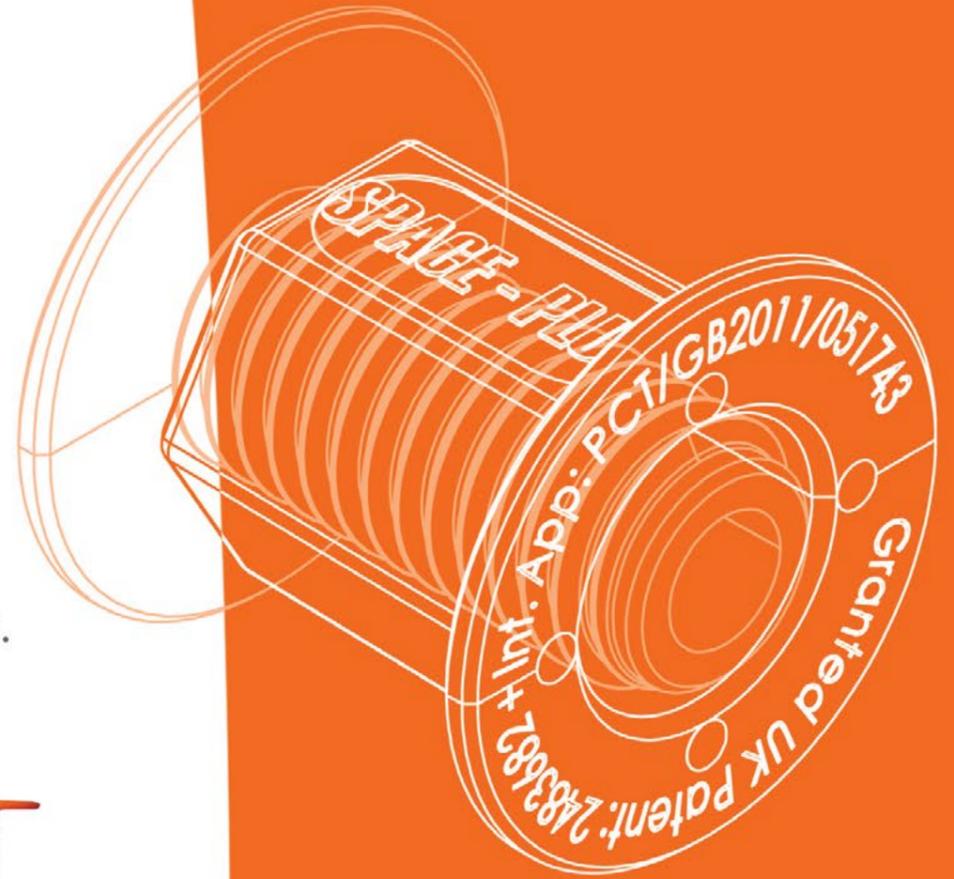
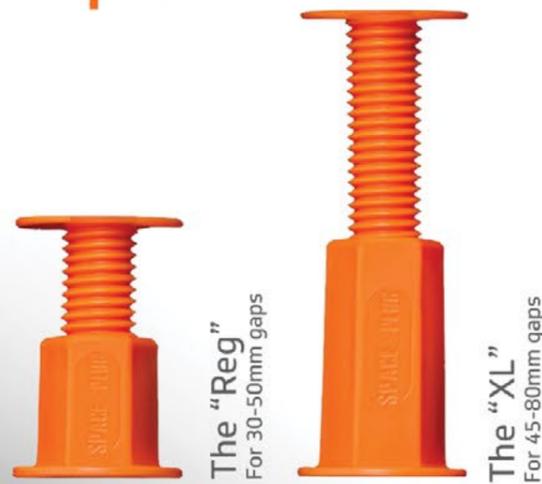
An **Award Winning Innovation** Company

A Revolutionary Fixing

Say hello to perfection and goodbye to L brackets, fixing screws, access holes and cover caps. **Drill once** per unit and let our **adjustable spacer fixing** do the rest by **bridging the gap** to create a fast, solid and professional fixing!

Our **one fixing** is perfect for saving time and wasted money on additional hardware.

It really is that simple.



Over
6 Million
Sold Worldwide

Adjustable Spacer Fixing

www.space-plug.com

0333 210 0860 plugs@space-plug.com



INTERNATIONAL WOODWORKING MACHINERY COMPANY NAMES TRUSTED BUSINESS AS EXCLUSIVE IMPORTERS FOR BOTH ENGLAND AND WALES

MARKFIELD Woodworking Machinery (MWM) has been named an official partner of Martin Machinery in England and Wales.

MWM have been supplying Martin machines since 2008 and, due to the company's continued success in yearly increased sales, MWM has now been appointed the official and exclusive agents for all England and Wales.

This partnership brings together two of the most trusted names in woodworking machinery - both of whom have a long and successful history.

MWM has gained a reputation within the woodworking industry as a name to be trusted, with expert knowledge and a robust after-care service provided as standard.

MWM caters to a wide range of woodworkers, joiners, manufacturers, furniture makers and fitters.

MWM operates a dedicated team servicing all areas of the business from sales, service, spare parts to accounts and administration to marketing.

The MWM team is committed to customer satisfaction from the very first contact through

to machine delivery, installation and beyond.

Established in 1979, MWM has grown to become a leading supplier within the woodworking machinery sector.

Managing director, Gavin Cooper is excited and as enthusiastic as ever about what the new partnership will mean for their customers new and old.

'MWM has been supplying and supporting Martin woodworking machines for over 12 years,' says Mr Cooper.

'Thanks to our continued growth and success in supporting such a prestigious brand, Martin Germany has now appointed us the official and exclusive agents for all of England and Wales. This we are very proud of and it really shows how far we have come,' he adds.

Since 1922 Martin has produced quality woodworking solutions worldwide.

Established in Germany in 1922, the German woodworking machinery manufacturer has released a number of award-winning product lines over the years and is now one of the most trusted names in the woodworking machinery trade sector.

For further information tel Markfield Woodworking Machinery on 0116 289 3469. Visit www.mwmachinery.co.uk

The T27 spindle moulder allows the operator to set up complex moulding patterns with tilted spindles in an instant



The Martin T75 sliding table saw provides the freedom to perform each angle cut on the cross-cut fence and rip fence exactly as required.



The Martin T12 spindle moulder is the perfect spindle cutter for a wide variety of applications.



The Martin T45 planer/thicknesser and the Martin 54 surface planer are both ideally suited for modern production requirements.

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

Email us at: bill.willowe@gmail.com

LEIZT - BEST PROSPECTS FOR THE FUTURE OF WINDOW PRODUCTION

Greater flexibility, productivity and quality for window construction with solutions from Leitz.

WINDOWS and doors are the face of every building. They provide comfort and security from the world outside, yet provide light and openness, instilling a sense of freedom.

The challenge in window and door construction today is to meet consumer expectations for elegance, functionality, living quality and environmental protection, but balanced with the most economical and environmentally friendly production processes.

Leitz helps manufacturing companies with its tool and system solutions, its extensive knowledge of materials and processes and the ever-evolving market place.

The challenge for manufacturing companies in the window industry is always having to keep up with a market that is constantly evolving.

In the future, companies will only be successful, if they are able to meet the expectations of end users to the maximum with innovative and technically improved products.

However, this requires modern production concepts that are at least as innovative and future-oriented in order to transform success on the market into entrepreneurial success.

With its profound knowledge of modern window and door systems, efficient production processes and pioneering tooling system solutions, Leitz is the perfect partner for all manufacturers looking to a successful future.

The benefits include:

- Sustainable, modern and tested window and door systems with maximum functionality.
- Tested frame corner joints for the highest quality.
- Customised tooling solution for every requirement and every machine.
- Highest economic efficiency, due to lower machining costs.
- Reduced machining times, long tool life and minimal set-up times.

Leitz offers tested, innovative window

and door systems, coupled with a high level of consulting competence.

The comprehensive ProfilCut Q tooling system group features interchangeable insert systems and resharpenable constant systems.

Leitz has what is claimed to be the fastest tooling system in the industry with cutting speeds of up to 120m/s.

Leitz tooling features TC cutting edges and solid carbide drills with Marathon high-performance coating.

Modern machines and manufacturing processes increase the demands on the tools used with regard to performance and machining quality. Commercially available systems usually reach their performance limits.

ProfilCut Q Premium represents the ultimate solution for companies that want to get more out of their production, with 20 per cent higher productivity as a result of a reduction in cutting time, 50 per cent higher feed speeds by cutting speed and a 30 per cent greater life-span by marathon MC high-performance coating.

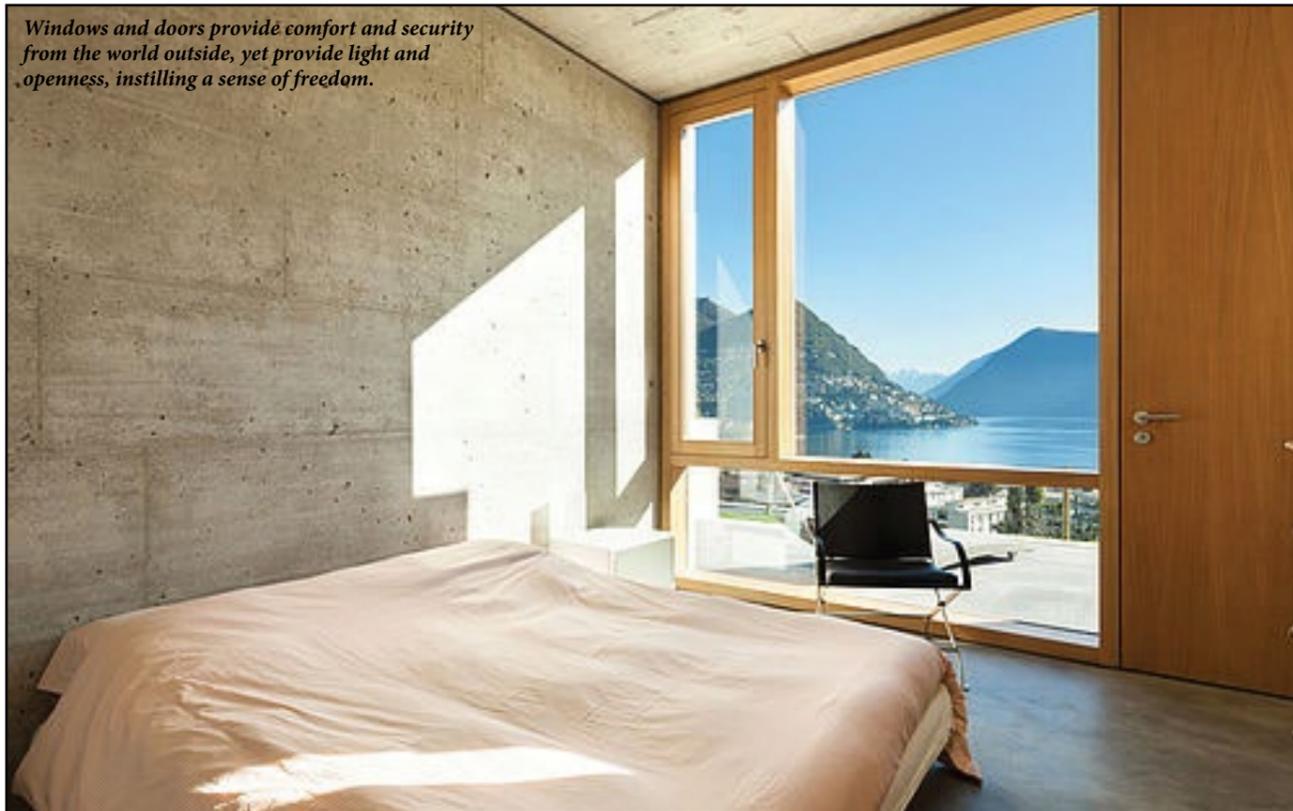
With cutting speeds of up to 120 m/s it is one of the fastest tool systems in the industry. The resulting reduction in cutting time saves users time and money.

Summarising the situation the ProfilCut Q Premium offers reduced processing times, perfect cutting quality during the entire life of the tool, long life-time, minimal set-up times and easy handling.

For further information tel Leitz on 01279 454530. Visit www.leitz.org



The challenge in window and door construction today is to meet consumer expectations of elegance, functionality, living quality and environmental protection.



Windows and doors provide comfort and security from the world outside, yet provide light and openness, instilling a sense of freedom.



ProfilCut Q Premium from Leitz offers reduced processing times, combined with perfect cut quality.



ProfilCut Q Premium represents the ultimate solution for companies that want to get more out of their production.

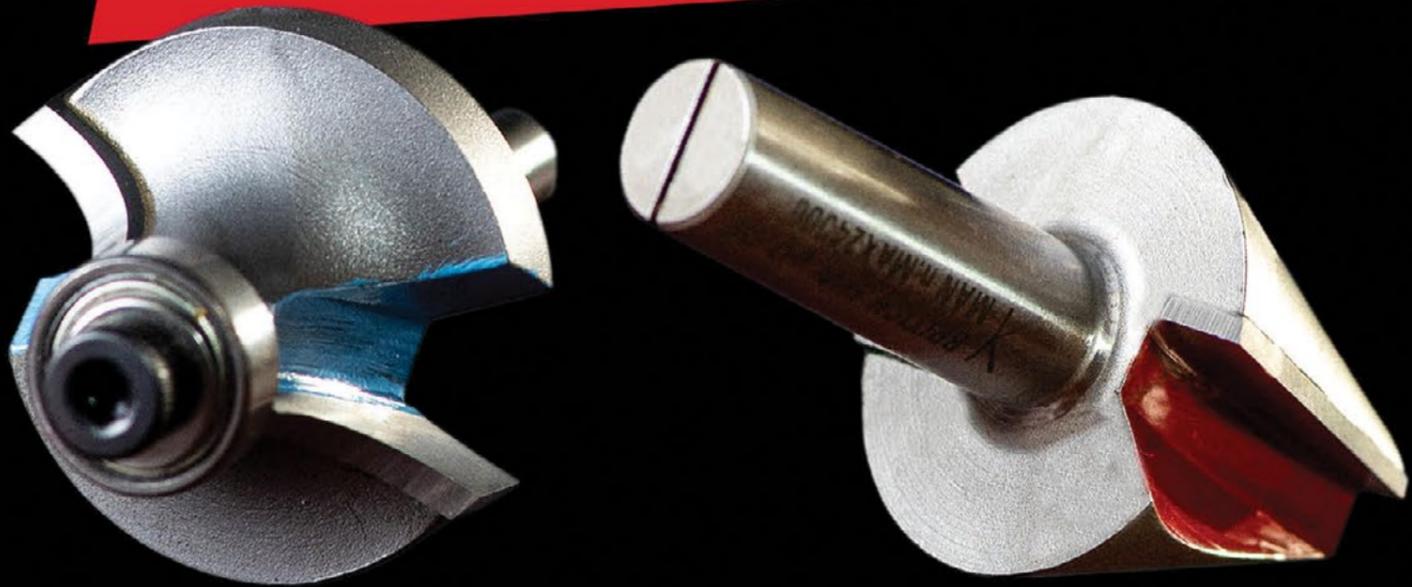


Windows and doors are the face of every building.

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

Email us at: bill.willowe@gmail.com

Titman



TITMAN EDGE Part No: EWJ700
700MM KITCHEN WORKTOP JIG
Refer to Manual and use suitable PPE
titman-edge.com

TITMAN TOOLS FAR MORE THAN A CUTTER COMPANY

South - Ian Winter
Tel:- 07951 157681
Email:- ian@titman-edge.com

National & Ireland - Martyn Pratt
Tel:- 07432 875236
Email:- martyn.pratt@titman-edge.com

North - Keith Draper
Tel:- 07951 157687
Email:- keith@titman-edge.com

WEINIG AS A FULL-RANGE SUPPLIER IN THE CLT WOODWORKING SECTOR

The Weinig Group has won a major project as a complete supplier at HolzBauWerk Schwarzwald GmbH.

FROM quality sorting of the sawn timber to the finished CLT elements and the corresponding central system control technology, the Weinig Group is supplying everything as a single source in this project: all automation components, planers, cross-cut saws, finger jointing lines, edge-gluing machines and the surface press.

Several innovations that reflect the high level of quality and

flexibility required by HolzBauWerk Schwarzwald GmbH have been incorporated into the project, which is currently being implemented by the Weinig Group and which is now very close to its final completion.

The first system components will be ready for delivery shortly, marking the starting point for the installation of the production line at the Seewald - Besenfeld site.

For further information visit www.weinig.com



The ProfiPress C 16200, CLT press system for longitudinal layers.



The high-speed planing machine Hydromat 4120 in close-up.



The ProfiPress C 16200, pressing bed of the CLT press system for longitudinal layers.



The high-speed planing machine Hydromat 4120.

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

Email us at: bill.willowe@gmail.com

The Woodwork Dust Control Co Ltd

Leaders in Dust Control Technology

A Complete Wood Waste Extraction Service to all Timber Industries

- ★ Design, Manufacture, Installation
- ★ Large hopper filters, fans, cyclones
- ★ Small bag filters, rigid ductwork, flexible hose
- ★ LEV COSHH testing, assessment, service
- ★ EWI-THERM Wood burning stoves
- ★ Fast nationwide service



Contact us for our FREE product catalogue:

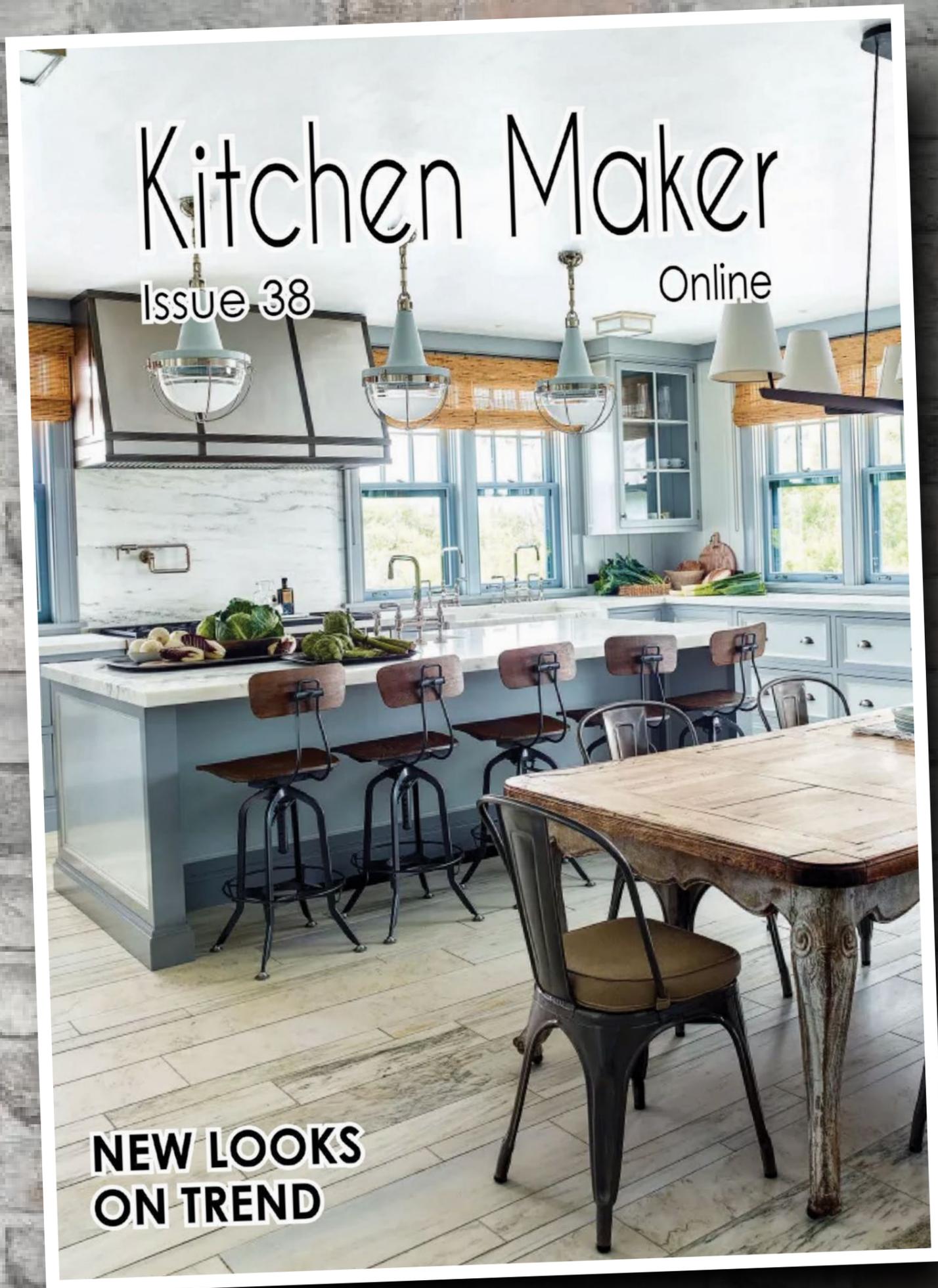
Tel: 01844 238833 Fax: 01844 238899

Email: enquiries@woodworkdustcontrol.co.uk

Web: www.woodworkdustcontrol.co.uk



ISSUE 38 OUT NOW!



**IF YOU WISH TO VIEW THE PREVIOUS
12 ISSUES OF KITCHEN MAKER
VISIT THE MAGAZINE'S WEBSITE:
www.kitchen-maker.co.uk**