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INDUSTRIAL WOODWORKING & PANEL PROCESSING

APRIL 2023

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INNOVATIVE GERMAN CONTROL TECHNOLOGY FROM MARTIN

AT LIGNA, the most important trade fair event of the year for the woodworking trade sector, Martin - the renowned Bavarian woodworking machinery manufacturer - will be presenting a host of premium machines to the visiting public at the international trade fair.

Martin will be presenting the company's complete range of sliding table saws, spindle moulders, thicknessers and surface planers, as well as special sanding machine for wooden window construction.

'We are very proud to be able to present our innovative, now patented ConnectControl control technology to visitors for the first time at LIGNA,' says Martin's marketing manager, Michael Mühlendorfer.

The undisputed Martin highlight will be the Cloud-based, patented ConnectControl control concept.

With this multi-award-winning Martin invention, users receive a uniquely designed, high-performance machine control system that opens up completely new horizons for the user in terms of machine operation.

Thanks to the modular design of ConnectTouch, the permanently installed touch-screen control, ConnectPad, the Apple iPad, with the ConnectApp and the Cloud solution ConnectDrive, the customer has the option of upgrading, or downgrading the control of his machine at any time, even after purchase. This provides a comfortable level of investment security and flexibility.

With ConnectControl, Martin is taking into account the increasing digitalisation of the working world, which is also unstoppable in the traditional trade.

Needless to say, every machine equipped with ConnectControl can be operated without a docked tablet, as well as without an on-line connection.

The ConnectControl control concept has already received two awards. On the one hand, the innovative, successful design of the control structure was honoured with the German Design Award 2022.

Secondly, and the company is particularly proud of this, the innovations that were realised in this concept were also honoured with the German Innovation Award 2022.

'Our machines have long stood for woodworking at its best. Many functions that you may not even have thought about complete all models, from the entry-level class to our top models. They really leave nothing to be desired,' proclaims Mr Mühlendorfer.

The Q-FIN special sanding machine, which won the German Innovation Award in Gold, has literally ushered in a new era.

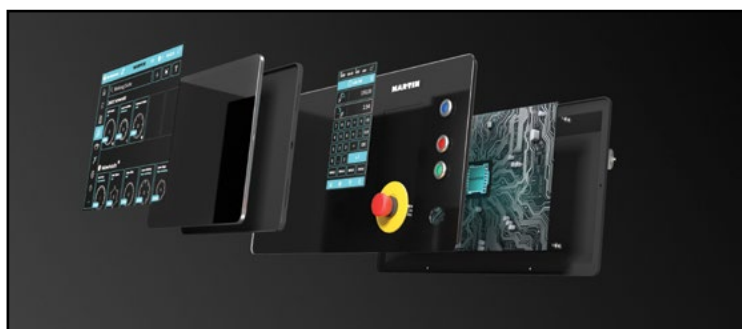
This machine, which has been in use in numerous leading European window manufacturing companies since 2014, is now able to process the glass neck in the quality finishing process in addition to the other main surfaces thanks to the chamfering unit shown for the first time at LIGNA.

'Be ready for a new era in wood window manufacturing and experience how quality finishing from Martin works at LIGNA in May,' concludes Mr Mühlendorfer.

For the full story please turn to Pages 10-16 of this issue.



The two new spindle moulders - the T14 and T29 offer all the possibilities of digitalisation thanks to ConnectControl.



With ConnectControl, Martin is taking into account the increasing digitalisation of the working world.

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

Email us at: bill.willowe@gmail.com

LEITZ TECHNOLOGY TACKLES HSE DUST AND NOISE CLAMPDOWN

DUST and noise has always been a chief concern within manufacturing industries. The Health and Safety Executive (HSE) is challenging businesses to look at ways to improve working practices, as dust and noise are two of the leading causes of work-related illness.

With the threat of fines and, in the worst cases: closure, businesses in the manufacturing sector must look at alternative solutions to these challenges. This is particularly relevant in all manufacturing processes.

As employers, our duty of care to protect employees means that we need to be taking steps to address those issues.

According to the National Society for Clean Air (NSCA) and Environment Protection, one million people in the UK are working in conditions that may damage their hearing unless precautions are taken.

Considered a silent killer, dust levels are notoriously difficult to visibly assess and harmful effects can take years to develop and excessive amounts can lead to such issues as skin irritation, respiratory problems and even lung cancer.

General principles of protection from the HSE state that:

- Where it is not reasonably practicable to prevent exposure to dust, a combination of engineering and process controls may be appropriate.
- Local exhaust ventilation (LEV) systems should be built into and specially designed for the machine, or process that creates the dust. Remember that cross draughts and general air movements can all detract from their efficiency.
- For on-tool extraction, it is important to choose parts that are compatible and work together.

With these broad principles in place, it's no wonder that factories are struggling to integrate solutions to avoid Health and Safety violations.

It's this end-to-end approach that Leitz has focused on in tackling dust and noise on the factory floor. It is typical to address these issues in isolation rather than looking for a combined solution, resulting in extra costs.

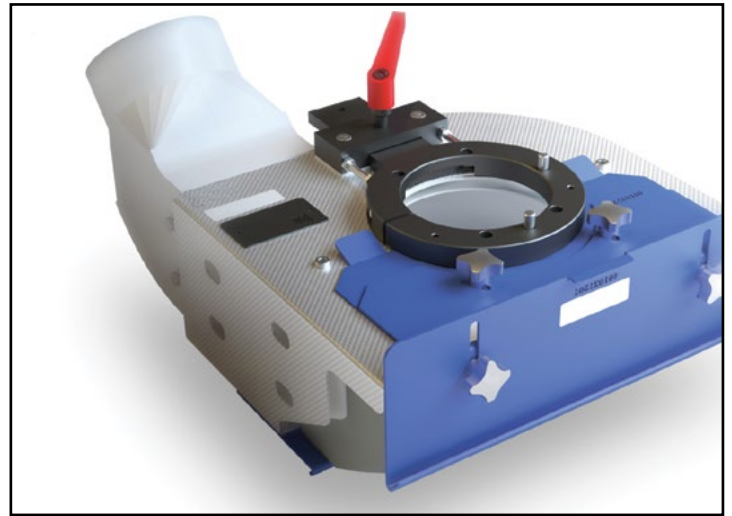
By taking a holistic approach to reducing dust and noise, not only is it possible to solve both issues at the same time, but by focussing on improving process production, it provides an opportunity to increase productivity as part of the solution – leading to ongoing cost saving benefits.

Leitz Tooling UK has developed its Dust Flow Control® (DFC) technology – a tooling-to-extraction system to reduce dust and noise that also delivers cost savings for manufacturers through significant productivity gains.

DFC extraction hoods are optimised to collect up to 98 per cent of debris and reduce noise by 5 dB (A). Experience teaches us that dust hoods are an extremely effective solution and it is necessary for experts to get in the factory early to specify each DFC extraction hood for each machine.

Another solution to reduce vibration and, therefore, noise is to use more sophisticated machine clamping systems. Whilst shanks reduce vibrations, using tighter clamping, such as Leitz's heat shrink system produces greater balance on the tools, reducing both the wear and vibrations together.

Tool management is a critical, but under utilised aspect of



factory operations and good tool management also offers significant benefits for reducing noise.

There are many tool management systems available on the market. Leitz uses transparent reporting, so that customers can see the entire servicing and replacement process.

Leitz sends alerts when a tool needs replacing, or sent for sharpening, ensuring that replacement tooling is ordered in time, leading to minimal machinery downtime, or impact on quality, avoiding up to a 25 per cent drop off in productivity.

Optimised tools result in greater efficiency, less waste, less passes and a reduction in dust. As up-to-date tooling systems are designed to reduce noise, it makes sense that a fully optimised tool reduces noise pollution.

With the HSE clamping down on dust and noise levels in the workplace, the woodworking industry has to tackle these issues through end-to-end solutions that, in turn, save money and increase productivity.

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



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

Email us at: bill.willowe@gmail.com

Spindle moulder | Tilting arbor spindle moulder

T14 T29

Technology for today and tomorrow

The T14 is our compact spindle moulder with all the premium features of a MARTIN machine. Take for instance, its state-of-the-art yet easy-to-use control system which opens up all networking possibilities to you. And then there is also its uniquely precise and robust machine construction. Added together, these two features will give you the best possible value for money.

The T29's thoroughly user-friendly, state-of-the-art control system allows the many mechanical delights of this machine to be used in an exceptionally effective and economical way. With up to seven electronically displayed and controlled axes, the T29 makes a considerable contribution to increasing efficiency in the workshop.



GERMAN
INNOVATION
AWARD '22
WINNER



ConnectControl
Technology

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

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

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KEEP DOWNTIME LOW WITH LEITZ'S TOOL MANAGEMENT SYSTEM PACKAGE

LEITZ has taken the next step to providing customers with a complete tool management package with CompleteCare.

The system makes effective use of digital logistics software in order to help automate the ordering and monitoring process of tooling supplies.

'We are all well aware of the issues that machine downtime can have for our businesses,' says managing director at Leitz Tooling, Simon Liddell.

'From lost efficiency and reduced through-put to complete factory shutdown, there's a whole host of issues that can arise when a company's tooling processes are improperly managed.

'There is a huge amount of work that goes into getting tooling parts where they need to be, when they need to be.

'Leitz's CompleteCare package ensures that your machinery supply chain is expertly and efficiently managed, without the requirement to purchase tools outright. Ensuring that parts are where they need to be on time will significantly help to reduce downtime and keep manufacturing

rates high,' adds Mr Liddell.

CompleteCare provides a complete tool supply service from a single source, which makes it ideal for companies with large batch sizes. Invoicing is based on agreed production figures, which means that pricing is adapted based on real-time costs and data.

Additionally, Leitz uses its expertise to make processes more productive and efficient, ensuring that stock levels are managed effectively in order to minimise disruption.

Leitz has invested in developing a long-term partnership with customers for mutual success. Leitz also supports customers by advising on how they can begin to redesign their processes and adapt their production line to meet the demands of the future.

For further information tel Leitz on 01279 454530.
Visit <https://www.leitz.org/en-gb/>.



DEATH OF GERD NEY

IT IS with great sadness that the death of Gerd Ney is announced. He passed away peacefully in hospital in March aged 82. His death was caused by complications arising from a short illness.

An iconic figure in the woodworking industry for over 40 years, Gerd Ney built his fledgling company to become one of the leading brands in the UK and Ireland and was instrumental in starting up hundreds of new businesses over this time. He will be greatly missed, but his legacy will remain.

The funeral to celebrate the life of Gerd Ney will take place at 1.30pm on Friday April 14 at Canley Crematorium in Coventry (CV4 7DF). The service

will take place in the Cannon Hill Chapel, accessed from Cannon Hill Road.

Anyone wishing to pay their respects is welcome to attend the service followed afterwards by a wake which, fittingly, will be held at Ney Ltd, Stonebridge Trading Estate, Sibree Road, Coventry CV3 4FD.

No flowers please, but donations can be made to the British Skin Foundation <https://gerdney.muchloved.com>

A webcam of the service will be available for anyone who cannot attend on the day and will be available to view for up to 28 days afterwards. This can be accessed via <https://watch.obitus.com> username quzu6463 password 316144



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

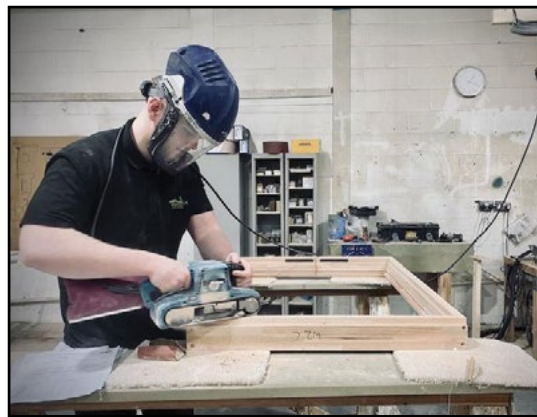
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GOWERCROFT APPRENTICE PASSES NEW WOODWORKING STANDARD WITH FLYING COLOURS

GOWERCROFT Joinery apprentice, Toby Nightingale, has passed West Nottinghamshire College's new Level 2 Woodworking Product Manufacturing Operative apprenticeship course with a distinction.

The course, which is now offered in addition to traditional bench joinery, is designed to give apprentices an excellent overview of modern manufacturing techniques, such as the use of the latest CNC machinery to suit the needs of larger timber product manufacturers.

Having initially developed a passion for woodworking, helping to build timber pergolas for his father's tearoom business, Toby, aged 20 from Ripley, was keen to develop his skills in a local Derbyshire company



known for its high-end products and advanced manufacturing techniques.

In 2020 Toby started at Alfreton-based Gowercroft Joinery, an award-winning timber windows and doors manufacturer with a long track

record of providing apprenticeships and career opportunities to young people.

During his two-year apprenticeship Toby has gained "on the job" experience in practical aspects of window and door joinery from cutting the raw material to length, machining, assembly and final fit up, as well as understanding of the company's overall production processes.

In addition, one day a week at West Nottinghamshire College has offered further training on a wide range of machinery, tools and equipment, materials and components used in the production of engineered products, as well as Health and Safety and general skills required for employment.

Toby is the first person to have completed the Level 2 Wood Product Manufacturing Operative apprenticeship at West Nottinghamshire College, a path that many more students are about to follow.

'During his time on the course his attendance was brilliant and he was always willing to learn new skills. His work was always of a good quality and his continual improvement throughout the course has helped him to improve his skills in the workplace,' says the college's programme area lead for apprenticeship in construction and building services, Paul Stringer.

'When you put all of this together, this is what has helped him to achieve his Distinction grade. After speaking to Toby regarding his grade, I feel this will give him the confidence to take his career to the next level within Gowercroft Joinery,' adds Mr Stringer.

For further information tel Gowercroft Joinery on 01773 300510.
Visit www.gowercroft.co.uk

Dear Customer,

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LEITZ IS LAUNCHING NEW ONLINE STORE TO MAKE ORDERING EASIER

LEITZ UK is preparing for the hard launch of its new e-commerce platform to make the ordering process easier and more convenient for customers purchasing standard stock items.

Currently, the platform features 426 of Leitz's most in-demand tools from right across its product lines, with more items being added daily.

Clients with registered accounts can now take advantage of some extra features to help them manage their tooling more effectively.

Customers can now save their favourite tools and make use of the express checkout by saving order lists, or uploading spreadsheets to keep track of previous orders and quotes.

All of this is available twenty-four hours a day, seven days a week, meaning that supplies can be ordered at any time, helping to minimise downtime.

For larger businesses, Leitz is now offering the option of delivery to multiple addresses, which should help with managing the tooling needs of multi-site manufacturers, all in one comprehensive and easy-to-use system. The new storefront has an online product finder to make it easier for customers to find the right part.

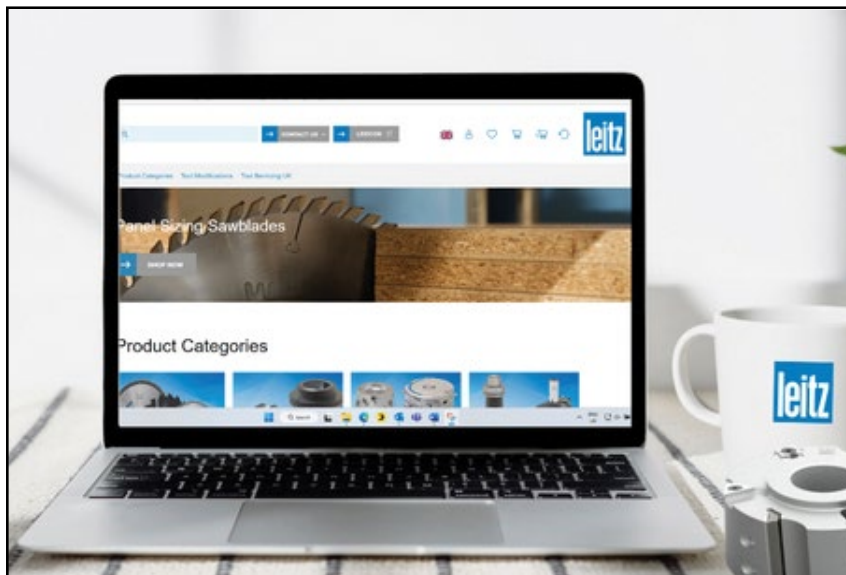
'We're thrilled to be launching the Leitz online store,' says managing director of Leitz UK, Simon Liddell.

'We're in the process of ensuring that all of our products are available on the site, but if you can't find what you're looking for online, don't worry! Our bespoke tooling services and modifications are always available.

'Servicing remains a cornerstone of our business and we understand the challenges that come with adapting to new machinery. That's why we're here to offer consultation and advice.

'Whether you need help reducing noise, improving machine efficiency, or cutting power consumption, we have the tools and expertise to help our customers both old and new,' concludes managing director of Leitz UK, Simon Liddell.

For further information tel Leitz on 01279 454530.
Visit <https://shop.leitz.org/>



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Machinery Bidding Closes: Wednesday 26 April 2023 from 12noon

DAY TWO: ● Over 750 lots of rough-sawn, planed, moulded & sheet, softwood & hardwood timber in pack sizes - 0.5m³ to 4m³.

Stock Bidding Closes: Thursday 27 April 2023 from 10am

Viewing Days: Monday 24 and Tuesday 25 April 2023 At: Morgan Timber, Knight Road, Rochester, Kent, ME2 2BA

Further information, registrations, and online bidding available at <https://auction.marriottco.co.uk/>



Marriott & Co.
Machinery and Business Assets Valuers

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T: 01252 712083 E: sales@marriottco.co.uk



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LIGNA RETURNS TO HANNOVER OF ALL THE VERY LATEST FOR THE

WITH over 105,000m² of exhibition space and more than 1,100 exhibitors, LIGNA 2023 – May 15-19 2023 – will celebrate its return with a comprehensive overview of the woodworking and wood processing industries.

Despite the tense global political situation, the positive booking status confirms LIGNA's status as the world's leading woodworking trade show.

Global players and renowned companies from all over the world will be coming together to showcase tools, machinery and equipment, as well as smart solutions and new technologies.

The world's leading woodworking trade event has also been able to expand its exhibitor portfolio: this year, more than 180 first-time exhibitors intend to take advantage of the opportunities for business initiation and networking.

'LIGNA offers a unique overview of the the woodworking and wood processing industry's entire value chain. It's the international showcase for innovations and the all important stage for world firsts,' says chief executive officer of Deutsche Messe AG, Dr Jochen Köckler.

'We've been receiving a wave of euphoria from the community ever since planning began. The industry is looking forward to the face-to-face experience in Hannover,' says Dr Köckler.

LIGNA focus topics move the industry

LIGNA 2023 will also live up to its role as a trendsetter in its choice of focus topics. For example, digitisation is shaping the industry's development and is a prerequisite for production that's as resource-efficient as it is flexible. Under the title "Woodworking Transformation", it is also receiving a great deal of attention at LIGNA.

Exhibitors will show how far the networking of machines, tools, components and materials has already gone, as well as presenting innovations in the fields of robotics, automation and software.

On the way to an economy based on renewable resources, wood as the most important renewable raw material forms a central foundation.

The wood-based bio-economy is thought to be an innovative technology driver. The framework conditions for expanding resource-efficient wood use are part of the European Green Deal and pillars of a circular bio-economy.

This is a development that will rightly be the focus of attention at LIGNA 2023. On display will be development lines of the wood-based bio-economy and technological innovations for responsible use of natural resources, as well as process technologies for shaping chemically digested wood fibres.

Wood is also steadily gaining importance as a recyclable building material in the construction industry. LIGNA will reflect this industry trend, as



WITH A COMPREHENSIVE OVERVIEW WOODWORKING TRADE SECTOR

the increasing importance of timber construction also results in new requirements for technology and equipment.

On-site and digital: LIGNA.Stage, Guided Tours, LIGNA.Recruiting & LIGNA.Campus

The focus topics are also a common thread running through LIGNA's additional formats. The LIGNA.Stage presents the live audience in Hall 12 with a varied forum program of solution- and user-oriented presentations and panel discussions along the LIGNA focus topics, as well as recruiting and sustainability.

For those who can't be present on site, the various program items will also be available as a stream live and on demand via the LIGNA website.

Visitors can also look forward to Guided Tours once again – this year in a hybrid format. Offering a tailored overview of various topics, interested parties, in groups of up to 25 participants, will be guided to selected exhibitors and given exclusive presentations and live demonstrations on their stands.

As with the LIGNA.Stage program, the Hybrid Guided Tours are available live and on-demand, streaming in English and German on the LIGNA website.

'By streaming our additional formats, we want to make LIGNA and relevant industry developments accessible to those who can't be there on site,' says LIGNA project manager, Stephanie Wagner.

In addition, a networking service is available to all event participants. The LIGNA ticket is a pre-requisite for access. After registering, visitors and exhibitors can activate the service via the LIGNA website, then receive contact suggestions and the opportunity to arrange appointments.

LIGNA will also be providing an overview of research, education and career opportunities in the woodworking and wood processing industry, including information on education and training courses offered by

universities, technical colleges and technical schools.

Potential employers are given the opportunity to meet interested skilled personnel. A digital job wall allows companies – whether exhibitors or visitors – to post attractive job offers.

As well as being viewed and accessed digitally within LIGNA's recruiting area, it's also supplemented by on-site opportunities for personal matchmaking between human resources and interested parties.

One ticket, twice the business

LIGNA tickets are now available. This year, visitors will once again benefit from a special ticket co-operation, which gives access to both interzum (May 9-12 2023) and LIGNA (May 15-19 2023). This gives visitors an all-encompassing overview of furniture manufacturing and interior design, as well as the woodworking and wood processing industries.

Main focus of LIGNA 2023

LIGNA encompasses the entire value chain of the woodworking and wood processing industry and presents itself in a total of seven product segments:

- * Tools & Machinery for Custom & Mass Production – Halls 11–15 & 27.
- * Surface Technology – Halls 16 & 17.
- * Wood Based Panel Production – Hall 26.
- * Sawmill Technology – Hall 25.
- * Energy from Wood – Halls 25, 26 & open-air site.
- * Machine Components and Automation Technology – Hall 16.
- * Machinery for Forestry, Roundwood & Sawn Timber Production – open-air site & P32–35.

For further information visit www.ligna.de.



MARTIN AT LIGNA 2023: SUPPLYING INNOVATIVE CONTROL TECHNOLOGY FOR TRADE & INDUSTRY

HALL 12 / STAND E30.

THE industry is making great strides towards LIGNA - the most important trade fair event of the year for the woodworking trade sector.

On a stand space of more than 400m², Martin - the renowned Bavarian woodworking machinery manufacturer - will be presenting a host of premium machines to the international trade fair public.

Market leader, Martin will be presenting the complete range of sliding table saws, spindle moulders, thicknessers and surface planers, as well as the special sanding machine for wood window construction.

'We are very proud to be able to present our innovative, now patented ConnectControl control technology to visitors for the first time at LIGNA,' says marketing manager at Martin, Michael Mühldorfer.

'We are convinced that with this innovative concept of machine control we have once again given a noticeable innovative impetus to the entire industry,' adds Mr Mühldorfer.

The undisputed Martin highlight will be the Cloud-based, patented Connect-Control control concept that characterises the latest generation of sliding table saws and table milling machines from Martin.

With this multi-award-winning Martin invention, users receive a

uniquely designed, high-performance machine control system that not only opens up completely new horizons for the user in terms of machine operation, but also opens up the entire world of modern data exchange.

New horizons for the workshop

The innovative, patented ConnectControl control system is available for the new T14 and T29 spindle moulders and the new T66 and T77 sliding table saws.

Thanks to the modular design of ConnectTouch, the permanently installed touch-screen control, ConnectPad, the Apple iPad, with the ConnectApp and the Cloud solution ConnectDrive, the customer has the option of upgrading, or downgrading the control of his machine at any time, even after purchase. This provides a comfortable level of investment security and flexibility.

The state-of-the-art in the operation of stationary standard woodworking machines is dominated by electronic controls that are permanently connected to the machine. The possibility of multi-functional use of the existing control electronics is not given.

These controls are only connected to the Internet in exceptional cases.

With ConnectControl, Martin is taking into account the increasing digitalisation of the working world, which is also unstoppable in the traditional trade. A central cornerstone here is communication.

Modern companies and their employees increasingly work with electronic work documents, i.e. tablets. On the one hand, because the tablet carries all relevant work documents, on the other hand, because it is a

... CONTINUED ON PAGE 15



In the foreground is the Martin T45 - the well tried-and-tested T45 thickness/planer with the Martin T32 in the background.



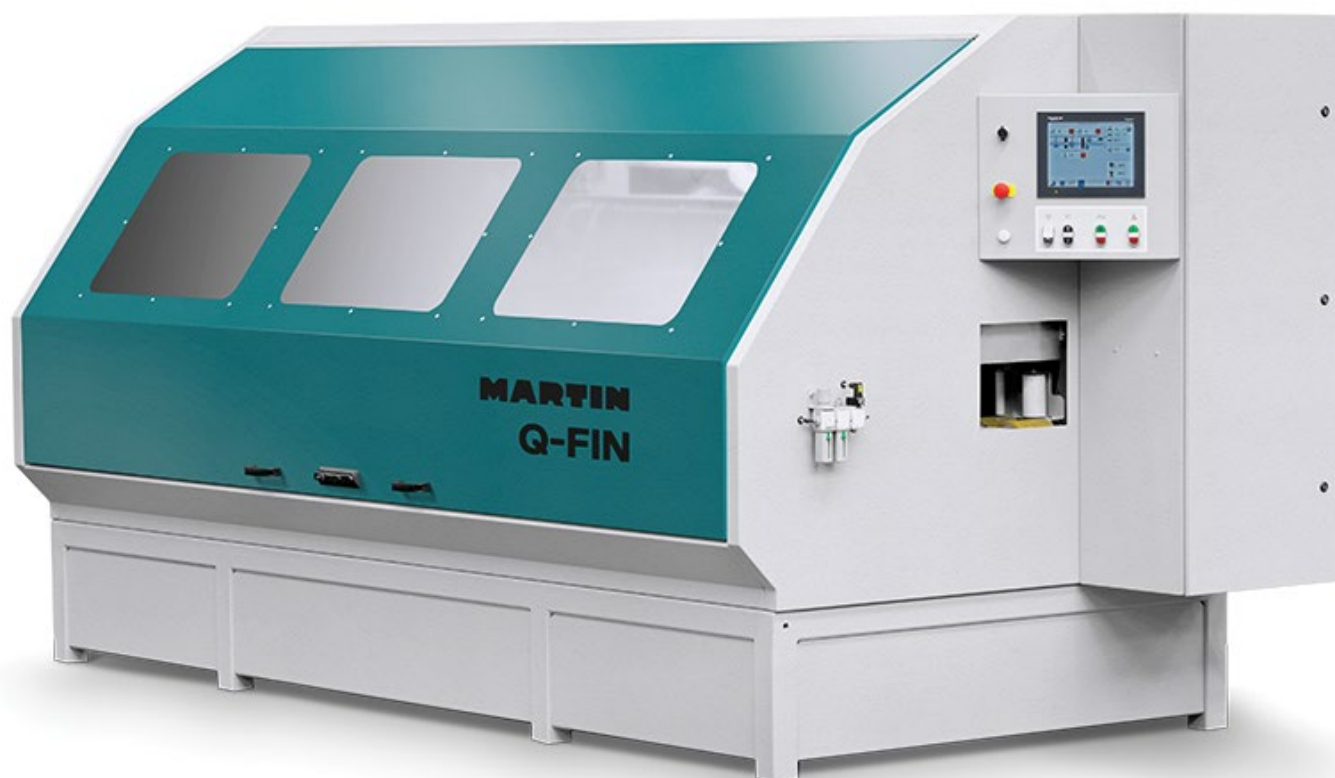
The Martin T77 sliding table saw reaches up to 205mm cutting height.

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

Email us at: bill.willowe@gmail.com



The Martin T45 thickness planer - now in its new livery - is a well established and well renowned model in the Martin range of woodworking machinery.



The Q-FIN special sanding machine won the German Innovation Award in Gold and has literally ushered in a new era.



*The Martin T14 spindle moulder ...
The innovative, patented ConnectControl control system is
available for the new T14 spindle moulder seen here.*



*Martin T29 spindle moulder will be on show at LIGNA.
It is yet another example of the well-renowned range
manufactured by the Bavarian specialist woodworking
machinery specialist.*



The Martin T54 surface planer is a sister model to the tried-and-tested T45 thickness/planer.



Pictured here, the T77 reaches up to 205mm cutting height.

central means of modern communication in today's world.

Smart operation

It made sense to take this development a step further and use the tablet as an extended machine control system. With the tablet, or the corresponding App, users have access to extensive extensions of the essential machine operation, which runs on the 7in touch screen permanently installed on the machine.

In addition, access to data centrally managed in the company, such as order data, or mould information, is ensured via the tablet, or the associated Cloud application.

Needless to say, every machine equipped with ConnectControl can be operated without a docked tablet, as well as without an on-line connection, but also without the possibility of communication to the "outside".

Mobile extension

The intelligent combination of a mobile tablet and a 7in touch screen permanently installed on the machine enables the multi-level operating concept to provide efficient electronic support for the operator directly at the machine.

On the other hand, the tablet also ensures communication between the machine and the work preparation department, as well as between the machine and the construction site.

As the employee's central work device, the tablet ensures that work processes are perfectly organised even if changes occur that flow into the company from outside. Examples of this are changes, or rework that are necessary at short notice, which occur from time to time during an assembly operation.

Through the use of modern communication technology, these flow seamlessly to the machine - quickly and efficiently.

Neither outdated work instructions, nor obsolete drawings need to be exchanged; everyone has the current status directly at hand at all times.

By integrating modern technology directly into the machine operation, even the last hurdle of the information flow is taken.

Award-winning technology of tomorrow - at Martin already today

The ConnectControl control concept has already received two awards. On the one hand, the innovative, successful design of the control structure was honoured with the German Design Award 2022.

Secondly, and the company is particularly proud of this, the innovations that were realised in this concept were also honoured with the German Innovation Award 2022.

New machine design

Visitors can also look forward to the new, fresh design of the Martin machines. The entire range now comes in a modern, white colour.

Complete range represented at the trade fair

'Our machines have long stood for woodworking at its best. Many functions that you may not even have thought about complete all models, from the entry-level class to our top models. They really leave nothing to be desired,' proclaims Michael Mühldorfer.

On the LIGNA stand, Martin will present the complete range. In addition to the two new spindle moulders - the T14 and T29 (both of which offer all the possibilities of digitalisation thanks to ConnectControl) the combined planer T32, which has been newly added to the range, will also be shown for the first time at LIGNA.

This planer will be accompanied by its "sisters", the tried-and-tested T45 thickness/planer and the T54 surface planer.

Thanks to ConnectControl, companies can now also make full use of the possibilities of digitalisation on the new T66 and T77 sliding table saws.

Both sliding table saws are already equipped with infinitely variable

Thanks to the modular design of ConnectTouch, the permanently installed touch-screen control, ConnectPad, the Apple iPad, with the ConnectApp and the Cloud solution ConnectDrive, the customer has the option of upgrading, or downgrading the control of his machine at any time.



LIGNA PREVIEW... LIGNA PREVIEW... LIGNA PREVIEW...

speed control as standard, as are the table routers. The cutting height of the T66 is now 155mm with a 450mm saw blade, whereas the T77 reaches up to 205mm in terms of cutting height.

On the one hand, a T66 swivels on one side up to +46deg, whereas the T77 swivels even 47deg. Optionally, a T77 can also swivel on both sides from +47deg to -46deg.

Q-FIN: Building windows without intermediate sanding

The Q-FIN special sanding machine, which won the German Innovation Award in Gold, has literally ushered in a new era.

This machine, which has been in use in numerous leading European window manufacturing companies since 2014, is now able to process the

glass neck in the quality finishing process in addition to the other main surfaces thanks to the chamfering unit shown for the first time at LIGNA.

Both the profiled scantling and the glass bead can now be prepared on all relevant surfaces in such a way that the resource-consuming intermediate grinding can be omitted.

'Be ready for a new era in wood window manufacturing and experience how quality finishing from Martin works, as will be clearly and amply demonstrated in Hannover in May,' concludes Mr Mühldorfer.

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



THE combined planer T32, has been newly added to the Martin range. It will be shown for the first time at LIGNA.



The cutting height of the T66 is now 155mm with a 450mm saw blade, whereas the T77 reaches up to 205mm cutting height.

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VENJAKOB ROLLS OUT ITS COMPLETE RANGE OF ROLLER COATERS AT LIGNA

HALL 16 / BOOTH C 22.

AT LIGNA Venjakob Maschinenbau will, for the first time, present its competence for roller coating machines live.

For individual coating solutions in the field of spray coating technology the German company is an established name as a system supplier.

The general contractor's product range is extensive and covers all processes included in a finishing line. From pre-treatment (cleaning/activation/intermediate coating sanding) to coating, automation and drying to exhaust air purification, or energy recovery. Venjakob offers everything from a single source. This also includes different application technologies.

Increased demand for combined coating processes

In addition to spray painting, dipping, flow coating, or casting, Venjakob, in co-operation with the Wo-Tech company, has been expanding its competence in the area of roller coating systems for some years.

Increasingly, these are not requested as a stand-alone solution, but in combination with other application processes, or as an entire finishing line.

The company will be providing demonstrations at Ligna 2023. It will be demonstrated how profiled workpieces are effectively coated with a 100 per cent UV coating material using a special transfer roller and in combination with the robust design of our machine.

Curing takes place in a UV system. Here Venjakob combines energy-saving UV-LED technology with a Surround UV module, which ensures optimum irradiation of shaped workpieces.

Afterwards, the coated workpieces can be stacked and packaged

immediately, the coating is completely cured.

Crafts and industry are welcome

Many people associate Venjakob with fully automated finishing solutions for industrial companies in the woodworking and furniture industries.

The entry-level model VEN SPRAY ONE convinced many visitors to Holz-Handwerk 2022. Robust, reliable and intuitively operated by one employee, the compact coating system offers a cost-efficient alternative to the manual spray booth.

The machine type, which is specially designed for craftsmen and small businesses, will also be demonstrated live at the trade show.

Intelligent control technology, an invisible added value for plant operators

Venjakob is trying to make this partly visible at the Ligna, for example, by showing how painting systems can be optimally occupied with the help of its own developed control technology and a software program, thus saving resources. Intelligent control technology is the heart of the machine.

In finishing lines from Venjakob, the entire process is carefully thought out and co-ordinated. The higher-level control system networks all transports, transfers and turners, as well as the conveyors integrated in the coating line, or in the dryer and also enables recipes to be called up at a central point.

For further information tel Venjakob GmbH & Co KG on 0049 5242 9603. Visit www.venjakob.com



Venjakob roller coaters offer a flexible line configuration and vibration-free painting

LIGNA 2023 - LEUCO EXPANDS DP NESTING CUTTER RANGE WITH LAUNCH OF NEW DIACURVE END MILL

IN THE run-up to LIGNA 2023, Leuco will be featuring a new DP nesting end mill, called the Leuco DiaCurve end mill.

According to Leuco, it is a new type milling cutter that has a narc-shaped, or curved cutting edge shape, with a unique design of the diamond tablets.

Each individual DP cutting edge has alternating axis angles, which are intended to ensure optimal cutting quality in the surface layers.

In contrast to many small individual cutting edges, the continuous cutting edges and large, continuous chip spaces enable a good chip flow without large chip compression. Clogging of the peripheral cutting edges can thus be prevented.

Currently, Leuco offers the new DiaCurve nesting cutters in five different dimensions. However, each tool is designed for a specific panel thickness range and that low groove, or rebate milling cannot be performed with the tools, due to the continuous cutting edge shape.

Even so, the design allows more cutting edges on small diameters. Three cutting edges are possible with a diameter of 9.5mm and even four cutting edges with a diameter of 12mm.

The tools are also designed as inexpensive disposable cutters, which means that sharpening with all its adversities is no longer necessary.



For further information tel Leuco on 01279 657821. Visit www.leuco.com

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Email us at: bill.willowe@gmail.com

WOOD CUTTING TOOL MANUFACTURING MADE EASY WITH ANCA TECHNOLOGY

STAND A60 IN HALL 27

ANCA will be presenting the latest in machine, tooling, software and simulation solutions for flexible and cost-effective production of blades, round tools and PCD applications at LIGNA.

Anca is known to tool manufacturers for providing a large variety of solutions, from robust manufacturing of standard round tools to a range of specialist tools, all with the respective process equipment and automation.

Anca's machines, software and automation have been enhanced continuously, delivering technical expertise to a range of fields of application and industries.

Global visitors can experience what this means in the field of woodworking on the Anca stand

- A clever, cost-effective two-in-one solution for blades and round tools on the FX machine series.
- A hybrid electro discharge grinding machine (EDG series) with a high performance, process-controlled spark erosion generator.
- 'Anca's tailored woodworking solutions are efficient and cost-effective solutions for this specialist market. At LIGNA we are sharing how Anca's technology supports woodworking tool manufacturers with application flexibility,' says Anca's Europe general manager, Martin Winterstein.
- FX woodworking set-up allows for flexible production of blades and round tools
- On the affordable FX grinding machines, Anca has developed a solution that provides more flexibility and capability for unattended production of wood tools.
- Special tooling systems for FX5 and FX7 machines offer the ability to easily change automated production between woodworking profile blades, used to form skirting boards and architraves and solid round shank tools, such as routers and drills used in production of furniture and cabinetry.
- Two options for the work-holding are offered: a blade chuck to hold flat profile blades, or a PremierPlus collet chuck for holding round shank

tools. Both systems are actuated with the same pull stud mechanism, so switching between the two systems is performed in minutes.

- Anca completes the package with a suite of flexible and user-friendly software options to cover diverse tool production needs.
- The blade grinding software includes blank and finished profile definition with DXF import, slice roughing for fast removal of bulk stock material before the final profile relief passes.
- The compression router software gives complete flexibility to program up and down cut sections ensuring correct overlap on two or more flutes.
- Standard end mill and drill software packages are easily adapted to wood cutting tool geometries including up and down cut spiral routers and drills.

Profile software provides the scope to also manufacture brazed carbide profile routers.

Anca's EDG machine, Anca SparX Erosion Generator automatically detects PCD grade and delivers 30-50 per cent reduction in erosion Cycle time

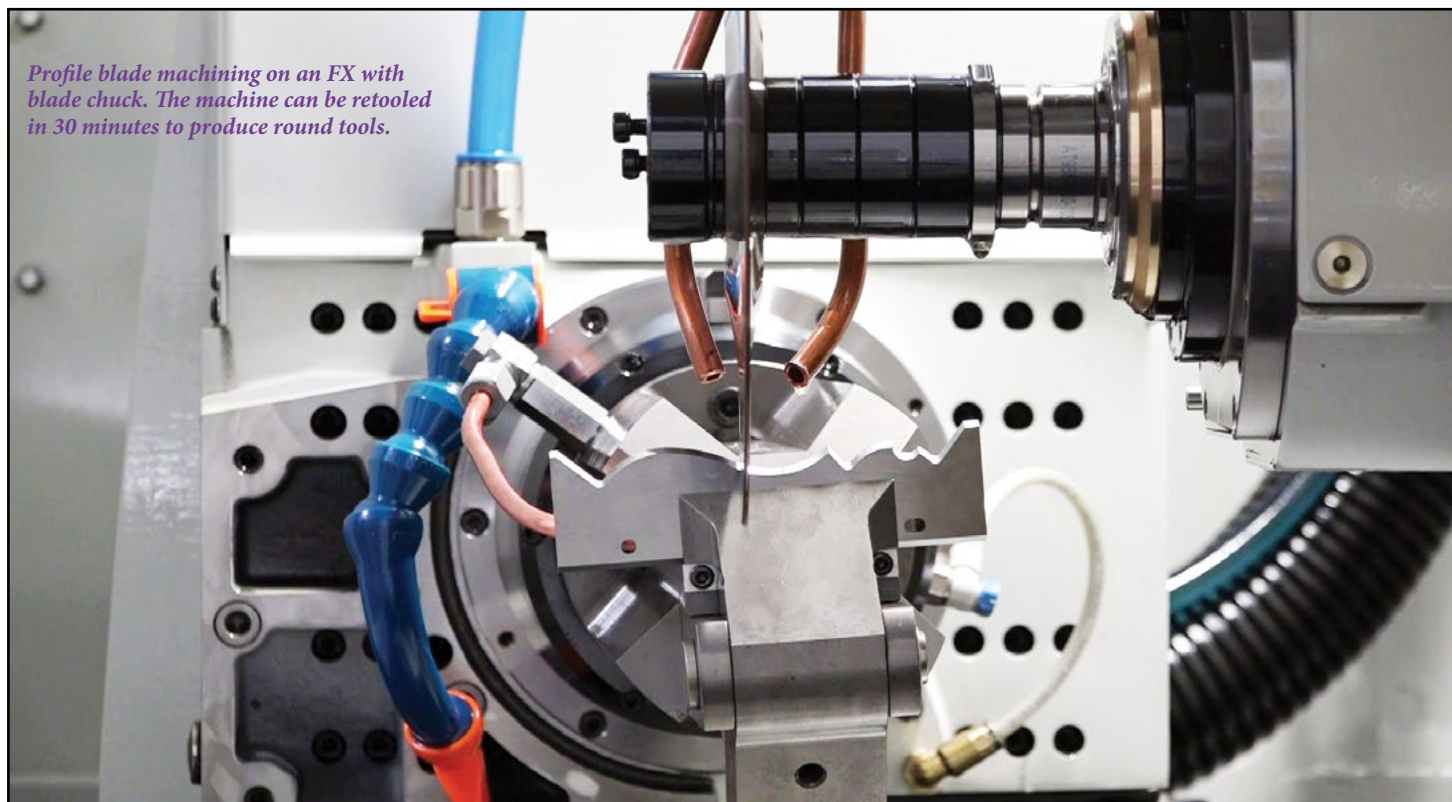
The advantages of PCD tools for wood applications are widely known: higher feed rates, longer tool life and resharping options, high edge and surface quality on the workpiece side provide cost and flexibility improvements.

Anca's EDG machine, with the new SparX erosion generator, Intelligent Adaptive Control (IAC) and Adaptive Spark Control (ASC), is designed for producing a variety of helical and round PCD tools.

With the erosion generator's exceptionally high power range covering heavy roughing and fine finishing, the IAC enhancing erosion speed and surface finish by controlling the erosion gap, and the ASC optimising the energy level of each spark for stronger cutting edges, the EDG is a game changer.

For further information tel Anca on 00 49 620 184 669 14.
Visit www.anca.com

Profile blade machining on an FX with blade chuck. The machine can be retooled in 30 minutes to produce round tools.



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AXYZ SPECIAL ROUTER OFFER: UNLOCK THE POWER OF PRECISION WITH THIS GLOBAL MANUFACTURER



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Unlock the power of precision with our best prices yet!

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virtually all AXYZ CNC Routers

Hurry, this pricing will not last!



LEADING global manufacturer of CNC router machines and knife systems, AXYZ, has announced its customer cost cutting offer of 20 per cent off the purchase of virtually all AXYZ CNC routers until April 19, 2023.

AXYZ is dedicated to providing customers with versatile and precise cutting systems. This offer will allow more businesses to access AXYZ's top-quality routers.

The TRIDENT - Ready for Any Job

The TRIDENT is a standard three-device configuration consisting of a spindle, tangential knife and oscillating knife.

This set-up provides the right cutting tools to process virtually any material with precision and speed, making it perfect for any business looking for high-performance cutting systems.

PANELBUILDER

This is claimed to be the global leader in cladding production.

INFINITE

The INFINITE offers innovative features to maximize productivity.

Designed on a modular platform, the machine can be configured to cut

materials in all sizes, from insulation foam to cast plate aluminium.

The choice of cutting head, including knives, spindles, or drills, opens the machine to many applications.

The PANELBUILDER technology is perfect for processing all the most popular cladding materials, including aluminium, ACM, MCM, HPL and fibre cement.

This system has proven to be a global leader in cladding production, thanks to its top-quality cutting tools and precision.

AXYZ is excited to help more businesses unlock the power of precision and take their production capabilities to the next level with AXYZ routers.

Anyone wishing to browse a variety of router options, parts and accessories should visit www.CNCShop.com.

Interested parties can complete the online contact form.

For further information tel AXYZ on 01952 291600. Email: enquiries@axyz.com. Visit www.axyz.com/cut-costings-event

CHECKATRADE IS PARTNERING WITH TOOLSTATION TO OFFER NEW MEMBERS GIFT CARDS WORTH UP TO £200

CHECKERTRADE, the UK online trade directory, which connects tradespeople with home-owners, has partnered with Toolstation for the first time to launch an offer for new members.

Trades signing up for a Checkatrade membership will be eligible to claim a Toolstation gift card, with a value of up to £200 to spend in store, online, or via the app.

This comes as Toolstation, one of Britain's fastest growing suppliers of tools, accessories and building supplies, celebrates its 20th year since opening for business back in 2003.



'With rising costs affecting tradespeople, as well as home-owners, we're proud to be working with Toolstation to offer new members such a warm welcome,' says Checkatrade chief executive officer, Mike Fairman.

'This is just one of the many

benefits of signing up to Checkatrade – with over 4.5 million job opportunities created by home-owners on Checkatrade in the last year, our platform is the ideal place for trades to expand their customer base and source new jobs,' adds Mr Fairman

'Bringing our two brands together makes perfect sense. Checkatrade's members are exactly the type of people who'll benefit most from Toolstation's great depth of product range and continuing great value. The partnership means that tradespeople can receive a gift card worth up to £200 to spend on our App, online, or at any of our stores,' says CRM manager at Toolstation, Chris Maggs.

In addition to the sign-up benefit, tradespeople can also enjoy further offers and discounts from their Checkatrade membership, which could save them £470 on average each year.

In order to be eligible for the Toolstation gift card, tradespeople must meet Checkatrade's member criteria, which includes passing a bespoke vetting process and possessing valid public liability insurance.

For further information visit <https://join.checkatrade.com/sign-up>.

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

Email us at: bill.willowe@gmail.com

BE FESTOOL EQUIPPED! FESTOOL IS WITH YOU EVERY STEP OF THE WAY

HAVE you purchased a Festool 18-volt power tool in March? Festool is giving one lucky tradesperson the chance to win £10,000 worth of kit, including £8,000 of the manufacturer's products of their choice. The prize will include accessories and batteries, as well as a bott Smartvan racking system to the value of £2,000.

Festool will also support the winning professional tradesperson's career by helping them with social media, creating useful content and case studies for them to use for their business, as well as any technical advice for the new tools.

'I'm ecstatic and very grateful for the win from Festool. I bought the new cordless KAPEX KSC 60 and saw the link to enter the competition when I registered it for warranty. I didn't expect to actually win, so I was a

bit shocked when I received the call!' says last year's winner, Dan Giles.

'I've not seen other tool manufacturers that run promotional competitions on this scale - especially none that are ran in conjunction with other companies such as Festool has with bott Smartvan.

It just goes to show how much they care about the UK market, which seems to be neglected by the other manufacturers. When you look on social media, there's no other tool manufacturers that interact with UK based trades and influencers, putting on demo days etc as much as Festool does. It's something that sets them apart from the crowd,' adds Mr Giles.

For further information and to obtain an application form visit www.withyoueveryday.festoolgiveaway.co.uk/



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Email us at: bill.willowe@gmail.com

THE GROUND-BREAKING, USER-FRIENDLY T29 SPINDLE MOULDER FROM MARTIN

THE T29 spindle moulder from German manufacturing giant, Martin features a thoroughly user-friendly, state-of-the art control system.

Indeed, the key feature of this machine is the innovative control system, which is designed to support the user in all manner of tasks.

This enables the machine to be used effectively and economically, allowing it to make a considerable contribution to increasing the efficiency of any joinery workshop.

The spindle moulder's tilting arbor also opens up a whole new range of possibilities.

Previously, users had to carry out all of the measurements and settings for the tools themselves and this occupied a great deal of time.

With the Martin T29 spindle moulder, users are supported by intuitive electronics, with up to seven electronically displayed and controlled axes.

Setting up the Martin T29 spindle moulder is thus simple and hassle-free!

Innovative design

The T29 spindle moulder's electrically adjustable ring inserts provide the perfect solution for closing the gap between the tool and the table.

Fully integrated into the control system, they facilitate the set-up process enormously. By simply specifying a value, or moving them manually, you can open, or close the eccentric rings and thus the gap, continuously.

Fence jaw system

Thanks to the optional AutoLock fence jaw clamping system on the T29, you can ensure that the secure clamping of standard and integral fence jaws are completed in a simple and safe manner.

Always clamped securely by spring force, the jaw clamping is only released for setting with the easily accessible levers. This is carried without any electrics, or pneumatics.

Collision detection

During the set-up process, if a tool is accidentally moved on to a collision

course with the machine, it will automatically detect the issue and warn the operator. This ensures a very high level of safety for the user, even for inexperienced operators.

The machine software also prevents collisions between the machine components in the border areas of the travel paths of the table rings and the spindle sleeves.

Arbor quick change

There are two options available with the T29; the DornFix standard quick-change system and the HSK quick-change system.



The electrically adjustable ring inserts provide the perfect solution for closing the gap between the tool and the table. By simply specifying a value, or moving them manually, you can open, or close the eccentric rings and thus the gap, continuously.



The T29 spindle moulder from Martin features a user-friendly, state-of-the art control system, designed to support the user in all manner of tasks.

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The T29's HSK quick-change system works fully tool-free and is compatible with the CNC processing centres of leading manufacturers.

The T29 works fully tool-free and is compatible with the CNC processing centres of leading manufacturers.

You can use suitable CNC machining centre tools directly on the spindle moulder, relieving this machine from capacity-consuming traversing moulding tasks.

Complete control

Setting up one of these machines can be very time-consuming and a real challenge for a busy workshop.

However, the Martin T29 spindle moulder has an innovative, user-friendly control system, which lets users work highly efficiently and effectively, all thanks to its intelligent network.

The new ConnectControl system offers the possibility of managing your tool data from a central location typically the production planning department. This means that not just one machine, but all machines with access to ConnectControl technology, are updated with the latest data.

Reliable technology

Thanks to the T29 spindle moulders' tool conversion system, (which is integrated as part of the standard version), it takes no time at all to set up complex moulding patterns, especially those with tilted spindles.

This means that any user can efficiently and effectively make use of the large tilting range of 2 x 46° – and can follow your instructions perfectly.

Repeatability, process reliability and durability, combined with an intuitive, innovative control system is what makes the Martin T29 spindle moulder the perfect addition to any workspace.

Workshop efficiency

Thanks to integrated ConnectControl technology, every T29 can be networked quickly and easily.



During the set-up process, if a tool is accidentally moved on to a collision course with the machine, it will automatically detect the issue and warn the operator.



The T29's HSK quick-change system works fully tool-free and is compatible with the CNC processing centres of leading manufacturers.

ConnectControl is the umbrella term for the patented control concept that characterises the latest generation of formatting saws and spindle moulders from Martin.

It is because of this integration, that users can add further machines into the system, making it possible to control an entire workshop digitally.

Different machines can be taken into account from the project planning stage. The Cloud-based control system also ensures smooth and streamlined cooperation between several users.

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



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Thanks to the T29 spindle moulders' tool conversion system, which is integrated as part of the standard version, it takes no time at all to set up complex moulding patterns, especially those with tilted spindles.



The innovative control system, which is designed to support the user in all manner of tasks enables the machine to be used effectively and economically, allowing it to make a considerable contribution to increasing the efficiency of any joinery workshop.

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