

journal **furniture**

may 2015



**On the cover: new
Edgebands from
Ostermann**

**Crystal Doors teams up
with Plasfilms**

**Edgebands from Egger:
the latest in texture**

**On the way: Interzum
and Ligna**



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may 2015



cover photo

Impressive collection of Veneer edgings: Ostermann delivers matching edgings to the Wood Veneers from the Kaindl Boards collection 2015. Available from stock in just the length you require through Ostermann UK Ltd.

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The latest edgebandings from Ostermann will be shown from 5th-8th May at Interzum in Köln.
**Hall 5.1,
Stand A061.**

editor: Melvyn Earle
email: Melvyn@FurnitureJournal.co.uk
publication manager: Paul Bray
email: Paul@FurnitureJournal.co.uk
additional design: James Crisp
email: James@FurnitureJournal.co.uk
production manager: Jennifer Sims
email: Jennifer@cpadmin.co.uk
circulation: Jennifer Sims
email: Circ@FurnitureJournal.co.uk
Tel: 01502 517115
Fax: 01502 517117
www.furniturejournal.co.uk

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LIGNA

Open air Stand H07
Hall 15, Stand D50



Left to right. Martin McVicar, An Taoiseach Enda Kenny along with the Minister for Jobs, Enterprise and Innovation, Richard Bruton.

Below left. Martin McVicar (left) with An Taoiseach Enda Kenny and Robert Moffett.



Forklift manufacturer, Combilift, announces plans to build a new 40 million Euro factory, paving the way for 200 new jobs and a new apprenticeship scheme.

going up!

The dancing forklifts will once again be out on the Combilift stand at Ligna 2015 and this year they'll have even more to make a song and dance about. Combilift Ltd is to invest 40 million Euros over the next two years in a new manufacturing facility, which will also create 200 additional jobs over the next five years. This announcement was made by An Taoiseach (Prime Minister) Enda Kenny along with the Minister for Jobs, Enterprise and Innovation Richard Bruton on a visit to Combilift's current HQ in Monaghan town on Friday 6th February.

The expansion will enable Combilift to proceed with its plan to double its current 150 million Euro turnover over the next five years. The majority of the 200 new jobs to be created will be for skilled technicians and design engineers and a further 200 jobs will also be created during the two-year construction period of the new facility.

Combilift has recently purchased 40 hectares of industrial zoned land where the new purpose-built, 40,000 square metre, greenfield manufacturing site will be built. This will include a dedicated Research and Development building and adjoining administrative offices and will equate to more than

double the size of both the company's present manufacturing facilities in Monaghan Town and Clontibret.

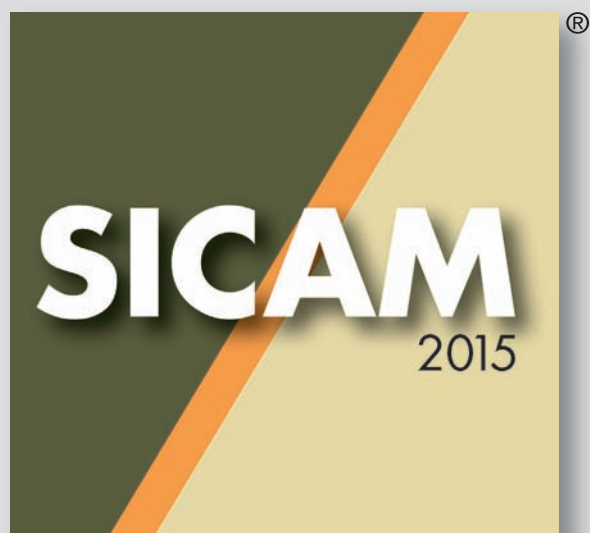
The company was established by Managing Director Martin McVicar and Technical Director Robert Moffett in 1998, since when it has produced more than 24,500 forklifts. It currently employs over 300 people at its two facilities and exports to over 75 countries. Comments Martin McVicar, "With this greenfield investment and sufficient land available on the new site for future expansion, Combilift is committed to continuing its organic growth in Monaghan for many years to come."

Welcoming the announcement, An Taoiseach Enda Kenny said, "Combilift's new 40 million Euro facility in Monaghan will make a profound difference to the local economy and the national export economy." Minister for Jobs, Richard Bruton, added, "Combilift is a world-class Irish exporting company, developing and manufacturing cutting edge products in a regional location for sale abroad, creating employment for hundreds of people in Monaghan."

Visit open air stand H07 at Ligna and see the exhibits in Hall 15, Stand D50.



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davidclouting

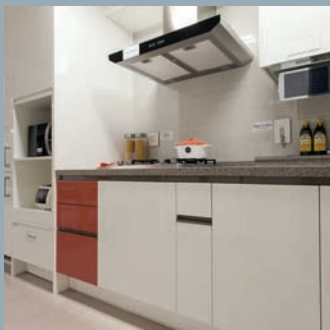
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 **LG Hausys**



The Weinig Group has launched a joint brand website for its two business units - Weinig Solid Wood and Holz Her Panel Processing - that combines the full range of products and technical specifications to give customers easier access to key information. Product suites are grouped on the home page along with convenient search suggestions and an ever-growing database of application examples and references.

The web design can be accessed across all devices, adjusting content to an easy to read format, with integrated videos guaranteed to playback - and pages can easily be shared across social media. Updated daily, it could become the go-to resource for all the woodworking machining needs of the industry.

www.weinig.com



A new and larger branch has been opened by International Decorative Surfaces in Southampton. The brand new premises encompass warehousing, a sales office, boardroom facilities for 12 people and a large 130m² customer showroom. Based on Southampton Trade Park, all staff have re-located from the former location 5 miles away.

The bigger site increases the stockholding capacity by 70% and has been designed to showcase the breadth and depth of IDS' product portfolio. The IDS Leeds showroom has also been fully refurbished and extended to 68m².

Finsa UK have recently welcomed three new apprentices who have started work at the company. Tracy O'Toole, Megan Wallace and Liam Sacker join the company in partnership with Wirral Metropolitan College and will undergo training and assessments while working. The apprentices will be at Finsa UK for various amounts of time, ranging from 12 months to 18 months and will work in the customer service, marketing and warehouse departments.

business news



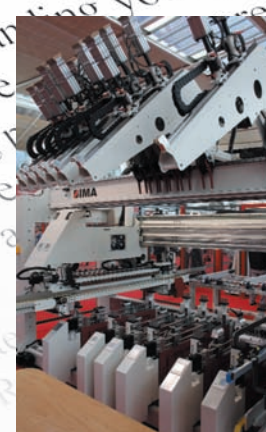
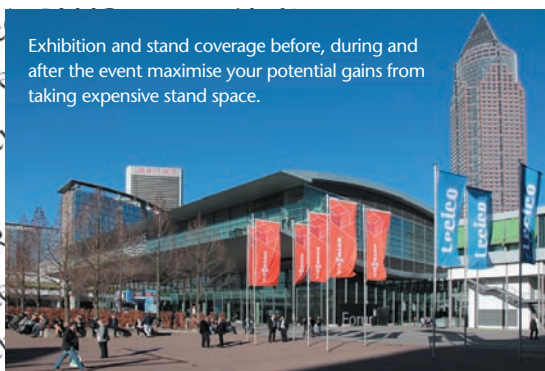
Three million working hours. Nine hundred and sixty working days. Forty-five months. However it's written, the amount of worktime without a Lost Time Accident achieved by International Decorative Surfaces is impressive. An LTA can be any work-related accident, regardless of the severity, that prevents a worker from coming to work on the day following the accident. John Bagshaw, MD, said: "We are committed to our duty of care to our employees and it's a fitting acknowledgement of the significant investment the company makes in employee training, procedures and equipment."



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Are you looking for perfect colour co-ordination across the surface to the edge? Top quality design and surface technology from just one source? Then make sure to stop by Surteco's stand and meet the surface technology specialists. The Surteco service team is looking forward to your visit to Interzum 2015. Interzum: 5th-8th May 2015 Cologne, Germany **Hall 6, Stand D-50/E-59.**

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job you could do yourself? Possibly. But knowing
always put you in the best position to publicise it
subject - seldom know how to make the most of it
PR consultant comes in. What you may
PR consultant can be gold in the hands of y
at work in tandem with your
business, your
one piece



the power of pr

Oscar Wilde once said, "There is only one thing in the world worse than being talked about, and that is not being talked about." The playwright may have died over 100 years ago but this statement remains as relevant today as it was then. The problem is, in today's increasingly global business world, word of mouth will only get you so far. That's why companies just like yours are increasingly working hand in hand with PR professionals to deliver key messages to their target audience.

Picking the right communication channels is a crucial step and one that an experienced PR consultant will be familiar with. They will be able to guide you through all the appropriate media channels to create a strategic PR plan that will not only target the right market for your business and the individual products you sell but also increase brand awareness and sales leads - whilst creating material that can be used to assist positive customer reaction in future sale pitches.

PR is not only about promoting commerce through the media. When used efficiently, it can be used by astute sales staff in your company as a new business ice-breaker and is an invaluable marketing tool which underlines that you

It doesn't matter how large or small your company is, professional public relations can help you make your products better known and win business - and it doesn't have to cost a fortune.

are a serious contender in the market and endorses your company's ethos.

Knowing who to talk to and when is half the battle. A good PR will have contacts in different sectors of the media, be able to target the most appropriate channels and provide what editors want, exactly when they want it. Taking control of the day-to-day aspects of the campaign leaves you free to get on with your job, knowing all press requests are being taken care of.

Is this a job you could do yourself? Knowing and understanding your product doesn't always put you in the best position to publicise it; inventors - like those who are closest to a product - seldom know how to make the most of its unique selling points. That's where an imaginative PR consultant comes in. Information you may discard or take for

granted about your product or your company can be gold in the hands of a creative PR and can open the door to a creative campaign that will work in tandem with your objectives.

Just like having a plan for your business, your PR needs a strategy as well. Setting objectives should include setting a budget for their realisation. A good PR professional knows the cost and will help you maximise your budget and it's effectiveness.

There is no substitute for being proactive in PR because one piece of publicity, or one means of publicity, will seldom achieve the end result you want. Publicity takes time to work and the best results often come after much exposure has been achieved. And there's only one way to know if your PR campaigns are working: monitor your results. Ask new customers how they heard about you and regularly assess the results.

Don't wait for new business to come knocking. Use the power of publicity and find out how PR can help you win orders in today's increasingly competitive market.

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**It's not easy finding the perfect partnership.
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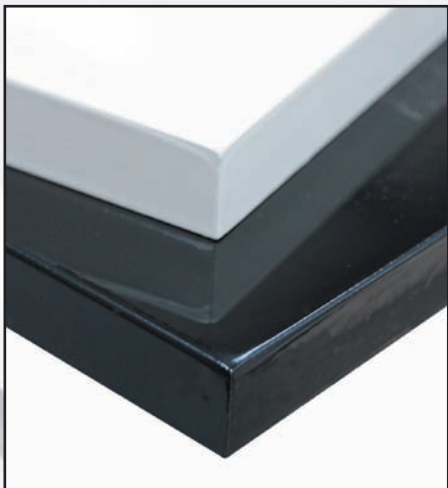
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Above. According to Richard Hagan, Bonlex high gloss foils perform flawlessly, even around square-edged doors.

Main picture. Two of the new door designs from Crystal Doors feature deeply routed raised and fielded panel effects.

crystal c

Good availability, a product that performs "brilliantly" and prices that compare well with other décor foil products have made Bonlex a firm favourite with Crystal Doors.

"We're switching over to Bonlex as fast as we can," exclaims Richard Hagan, the enthusiastic MD of Crystal Doors. "We knew Bonlex foils were good 20 years ago but we couldn't get hold of them. Now we are buying them from Plasfilms. Plasfilms carry a very good stock and they make sure they don't run out."

But it's not just good availability that's encouraged the Rochdale-based kitchen, bedroom and bathroom door specialist to make the switch. "We've talked to most of the foils people," says Richard, candidly. "They'll come out and tell you their product is extruded, 0.4, 0.5, 0.6mm or whatever. It doesn't matter. The test for any foil is how it presses. Sometimes they'll send you a six-metre sample and it's fine on the press. Then you'll get a roll and find it doesn't perform with a particular kind of door. We've been working with

Bonlex for about six months and in the beginning we trialled it with just one customer. Now we're using it for all our work - doors, shopfitting, restaurants and even an airline project." Crystal's most recent project has been 50 metres of foil-finished panelling with an incised, laser-cut pattern for a local bar. "We've had absolutely no problems with Bonlex at all, whatever the job. It performs brilliantly."

"Customers are demanding soft postformed edges, square-cut and even routed, raised and fielded panel door designs these days and they expect high gloss doors without orange peel effect. That's what Bonlex gives us. It forms very well around tight radii - even square-cut edges - and it doesn't crack. We haven't found that with any other foil."

Crystal Doors has gradually upped its order with Plasfilms from 200-metre

clear

rolls to 1,000 metres at a time. Bonlex foils applied with Henkel adhesives on a recently-commissioned Wemhöner press are proving an unbeatable combination for Crystal Doors with an impressive zero delaminations to date.

"We're currently using Bonlex's black, white, grey, ivory and alabaster high gloss and we're looking forward to using some print designs as well," says Richard. "Pressing tests show these are just as good but we haven't taken on a woodgrain yet."

There is one more ace from Bonlex: "The price is good," says Richard, "And that always gets sales. It's comparable with others but the service we get from Plasfilms is better than we've had, we get better performance from the product and our rejects have gone down."

Bonlex is clearly tops for Crystal Doors - and that seems crystal clear.

Plasfilms: 01530 560 560.

Andersen Pine, Taupe

Chagall Oak, White

Light Grey Modern Ash

White Craft Oak

renolit@interzum

With an incredible 242 décors to choose from in its 3D Stock Range and new introductions in the run up to Interzum, there will be plenty to see on the Renolit stand.

A head of Interzum - and marking many years of innovation - the décor specialist Renolit is showing its latest 3D Highlights Collection. Part of Renolit's 3D Stock Range, Highlights includes the latest solid colours in high gloss, matt finishes and structured woodgrain surfaces as well as realistic woodgrain prints and sophisticated textures. The new range will be further extended during the coming months.

19 new unicolours will be introduced with modern imaginative surface finishes under three categories.

Under the heading *Colour Road*, 12 new colours in standard or high gloss will be shown at Interzum, along with a fashionable gold metallic. Renolit is meeting the growing demand for matt surfaces with three popular greys.

There will be new structured

surfaces, including a Modern Ash structured woodgrain paint effect in three popular modern colours. And look out for *Ribbons*, a unique flowing horizontal structure.

Oak remains popular and there will be four new ones on the stand: Chagall Oak, Craft Oak, Salinas Oak, and White Washed Oak, all of which feature different design elements. The remaining seven new introductions include Pine, Teak, Walnut and Stone.

The Highlights Collection showcases all new design introductions from 2014 and 2015 which are now in the global 3D stock range - an extensive collection of 242 Renolit Covaren and Renolit Alkoren décors.

For a full presentation and to pick up the latest 3D Stock Range brochure, visit Renolit at the Interzum trade fair on stand A/10/B11 in hall 6.1.



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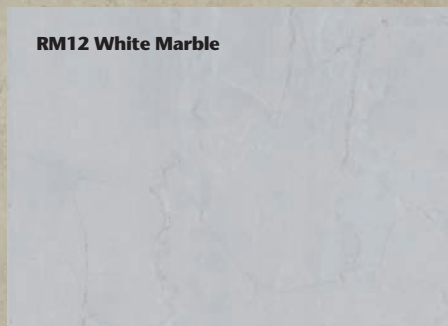


Left. Interior Film is highly damage resistant and ideal for areas that are subject to scuffs.

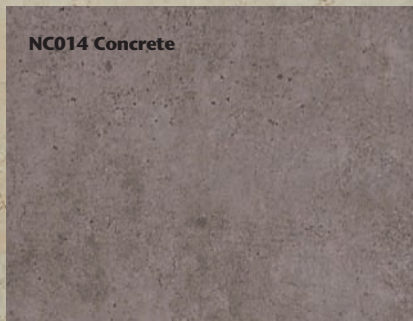
Background. EV081 Textured Metal.



EV206 Spider



RM12 White Marble



NC014 Concrete

décor -

Easy to apply, instantly attractive and inexpensive compared with the alternatives, Interior Film has proved to be the décor of choice for interior refurbishment specialists Pro AV Direct.

Interior Film from LG Hausys is a product with so many applications that its use is only limited by imagination. Terry Hayden, the Managing Director of interior refurbishment specialists Pro AV Direct Ltd, has found many uses for it in shopfitting and showroom displays. One of his company's recent projects was the refurbishment of Dunkin Donuts in Cambridge. "The walls were getting damaged and scuffed at low level with chairs," says Terry. "I'd considered panelling the walls but that would have been expensive. I'd used David Clouting's Interior Film before in one of their company showrooms up in Dewsbury and knew it was a great way to get a nice-looking finish quickly and easily which would also protect against damage and save on costs, so I

decided to use it on the Dunkin Donuts project."

After looking over several samples provided by David Clouting Ltd, the owners of Dunkin Donuts chose Pine Cubic (EL209) Interior Film (shown right) for the high wear wall areas. "Interior Film is very easy to use," says Terry. "You buy it in a roll, cut it, peel off the backing and smooth it onto the surface. It's self-adhesive but because the adhesive remains tacky, it's easy to take off and reapply if you don't position it perfectly the first time. It's a bit like applying wallpaper without the paste and the problem of smoothing out loads of air bubbles."

Durable and with a high resistance to impact, abrasion and scratching, Interior Film can be applied to virtually any substrate from walls and doors to



Above and this picture. Terry used EL209 (Pine Cubic) for Dunkin Donuts.

instantly

furniture, skirting and architraves. Its stability when exposed to heat, humidity and low temperature make it the perfect product to create instant good looks in more challenging environments and it wraps easily around complex shapes and curved areas.

Available by the linear metre, or in rolls of 50 metres, it is 1220mm wide, the Interior Film range includes stones, woods, leathers, metals, metallic decorative designs and solid colours in various embosses. Unicolours include all the current on-trend tones, whites and off whites, creams, browns, beiges and stone. There are also three new designs, Spider (EV206), Concrete (NC01) and Graphite Marble (RM01).

For more information visit www.davidclouting.co.uk/interior-film or call 01376 518037.

Brown

Beige

Alabaster

Cream

Grey-White

Ivory

White

Light Grey

Off White

Stone Grey

Graphite



Months of work have gone into the development of Interprint's new motto, Into Spaces. All will be revealed in the Design Post from 5th-8th May 2015.



into interprint

With its "Furniture Days" in Arnsberg, Interprint and its partners began to develop the new décors, colours and trends which will be presented under its new "Into Spaces" design motto for 2015. The motto, which summarises the creation of atmosphere in a room and the associated influence of the décor design, will be seen at the Design Post Cologne. The presentation will also include the "Six Pack 2015" - six décor favourites with international success potential.

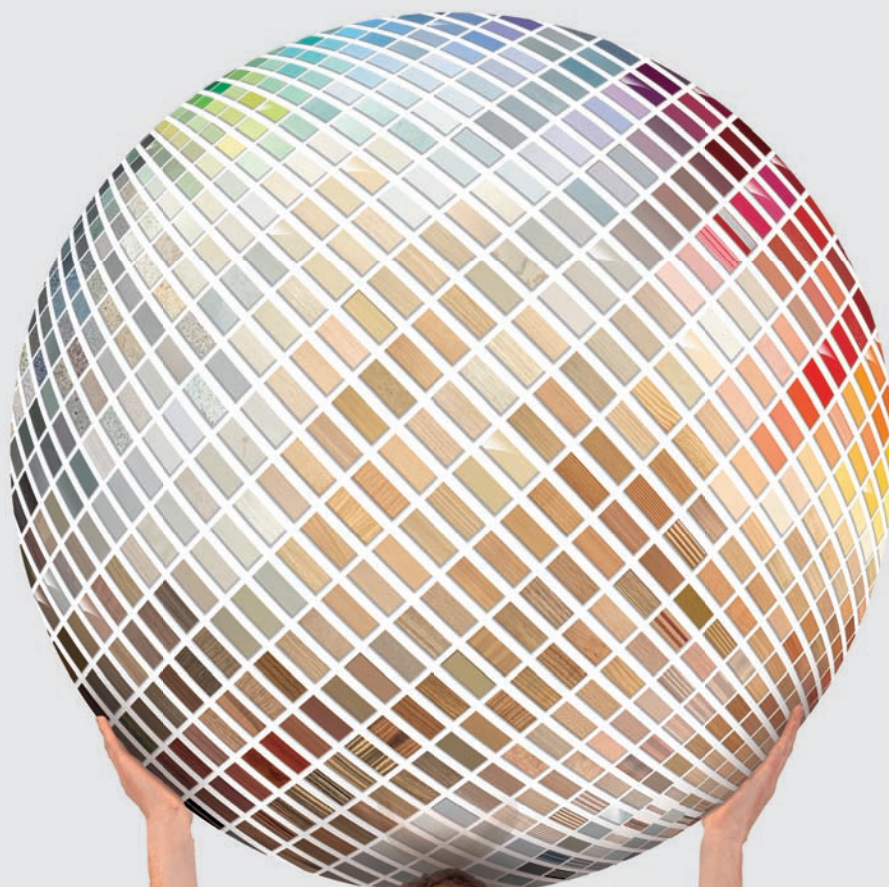
From the Design Post, Interprint will exhibit a large range of surface effects, both in melamine and finish foils. There will be new wood and stone looks supported by realistic tactile effects - look particularly for the "Xelio" finish foil.

Visitors can also expect new visual highlights among the creative décors. The latest on-trend unicolours and metallic effects will be shown in combination with natural wood and the new, technically innovative surface effects will be shown in new applications.

The "Into Spaces" motto will be revealed on a presentation that promises diverse experience and atmospheres. Salvatore Figliuzzi, Marketing & Décor Development Manager, and the Interprint team are looking forward to welcoming you to their completely independent design concept at the Design Post a short walking distance from the east exit of the Cologne exhibition centre. It's worth taking a look. Call Interprint on 0049 2932 9500 or visit www.interprint.com

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an en



Q3325 Tobacco Gladstone Oak



Q1486 Jackson Pine



Q1250 Navarra Ash

Replicas of the look and feel of sawn timber planking have been around for a while - but with Egger's new End-Grain Edging, at last there's a way of making the end of a panel look like an end and not just another side.

d to panels

Much has been done in recent years to make life on the edge more interesting. We've seen perfectly matched edgebands, we've seen contrasts, we've seen digitally printed patterning, high gloss, even glass-look. But now, with Egger's new collection of ABS edging for melamine-faced chipboard panels, a new and quite different style of edgebanding has been introduced that replicates the look and feel of sawn timber planks. And it could - quite literally - give your furniture designs the edge.

Egger's new edgebanding is called End-Grain Edging. It's designed to work with 12 of Egger's latest woodgrain décors and it takes realism to a new level. Elliott Fairlie, Egger UK's head of décor development, feels End-Grain Edging completes a picture. "As our

wood grain décors became more and more realistic - particular our deeply-textured Feelwood synchronised pore range - we felt one piece of the jigsaw was still missing," he told Furniture Journal. "Being able to see the vertical grain and detailing on the ends of the board might seem like a small thing but it is this attention to detail and realism that lifts this product above the ordinary and makes all the difference to the discerning end-user.

"Using standard edging on the long sides, with End-Grain Edging on the ends finally creates an MFC panel that is reminiscent of real timber - from whichever angle you look at it."

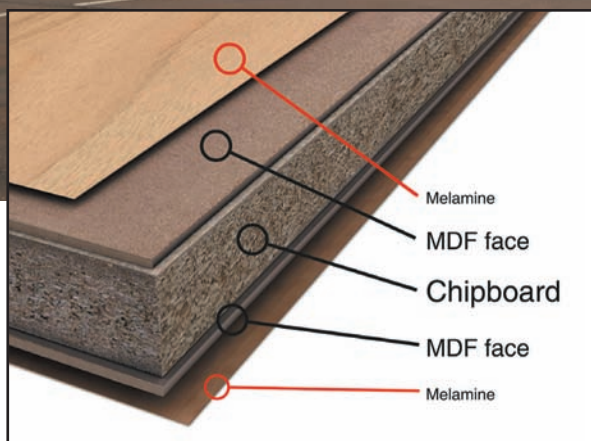
Egger's 23 x 0.8mm End-Grain ABS edging is available from UK stock with a minimum order of just one 75m roll.

For more details call 01434 602191.



SuperPan is exclusively available from IDS with all products held ex-stock for 24-48 hour delivery from any of the company's 13 regional branches.

Below left. The key feature of SuperPan is that it is pressed as a single panel with integral layers of MDF fibres on the surface and a chipboard centre.



joining forces

IDS and Finsa distribution deal is great news for furniture manufacturers, offering an extended choice of SuperPan products.



IDS has significantly increased the choice and availability of the SuperpanDecor range to furniture manufacturers by securing an exclusive deal with Finsa for the UK distribution of this advanced panel substrate that offers superior machining, finishing and cost saving benefits.

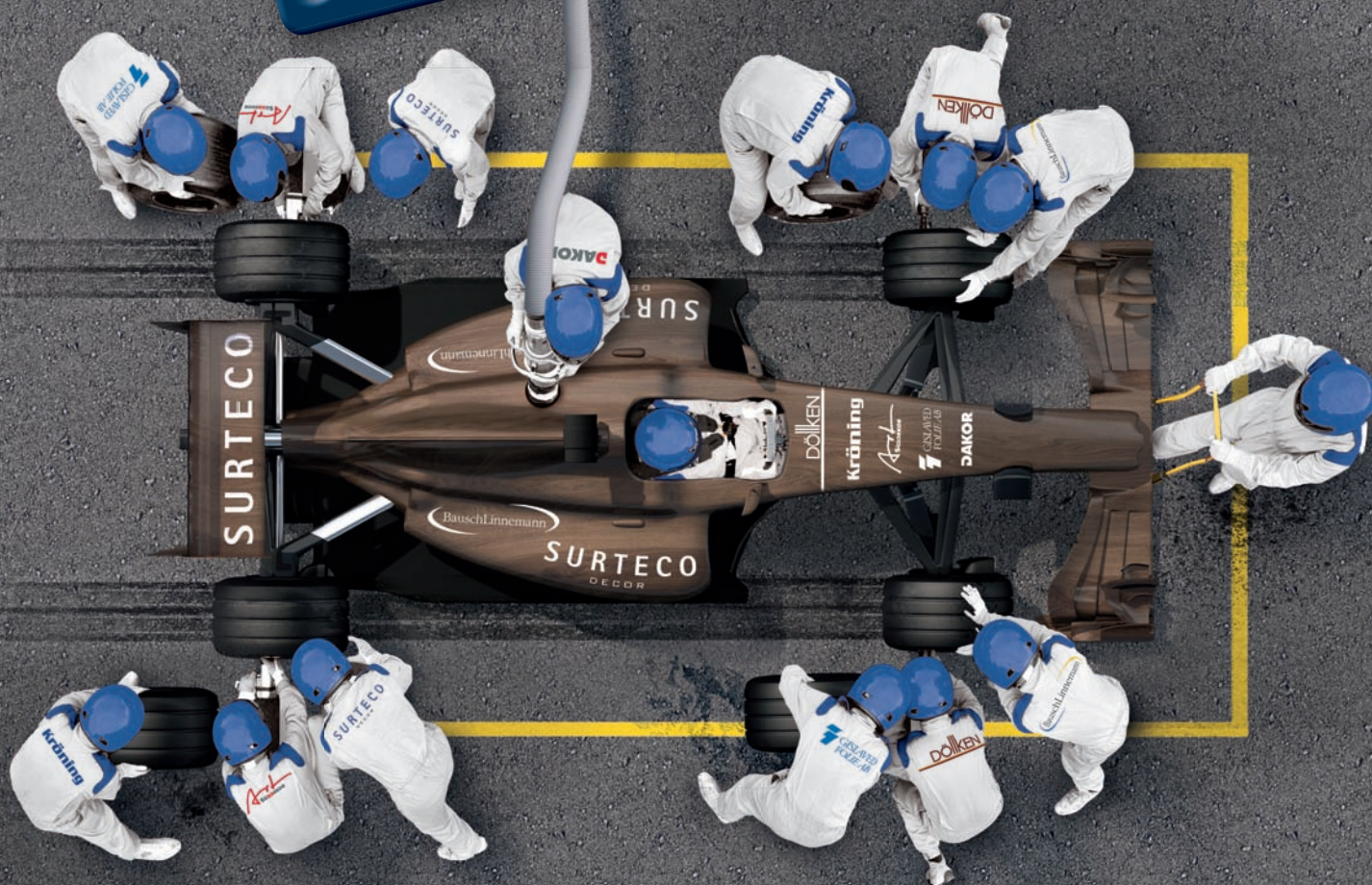
Combining the wealth of experience of both Finsa and IDS, the two companies have put together a range that encompasses the needs of the UK furniture and shopfitting markets, reflecting commercial best sellers and latest design trends. The SuperPan range offers 40 décors comprising seven plain colours, 14 woodgrains, five fantasy designs, nine glossies and four in-line registered embossed woodgrains called Jazz. It is now available ex-stock from all 13 of IDS's branches nationwide.

David Huggins, Business Development Director at IDS, says SuperpanDecor bridges the gap between chipboard and MDF. "We are providing extensive stockholding and a significant investment programme, plus we have a dynamic and highly experienced support team that are really driving the SuperPan brand forward," he adds. IDS will be stocking 2750 x 2100 x 18mm. In addition, panels can be made to order in a vast range of sizes, colours and thicknesses.

MD of Finsa UK, Rafael Willisich, adds, "We chose IDS as our exclusive distribution partner because of their ability to take the product truly national, with stockholding that is ensuring a greater depth and breadth of choice than ever before." For details call 0800 1216447 or visit www.idsurfaces.co.uk

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interzum



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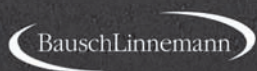
Dann legen Sie einen „Boxenstopp“ beim Team der SURTECO Oberflächenspezialisten ein! Das SURTECO Serviceteam freut sich auf Ihren Besuch in Halle 6, Stand D-50/E-59 auf der interzum Köln vom 5. – 8. Mai 2015.

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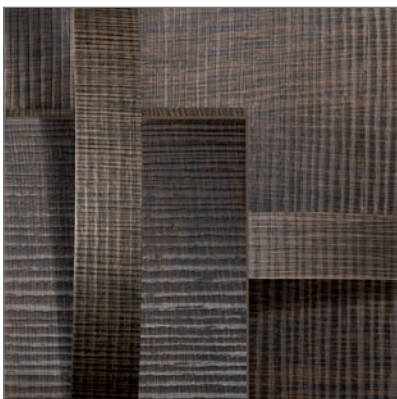
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Electrak Intersoc in stylish aluminium and mirrored white finish.

simply electrifying

Office technology - from desktop computing to mobile and tablet devices - is the lifeblood of the modern business world. However, as office workers are constantly under pressure to stay connected, the furniture industry is in a prime position to provide the solution, by bringing power and data directly to where it is most needed: the desktop.

To help provide the missing link, Legrand, a French industrial group, based out of the Limousin region which built a name in porcelain manufacturing as far back as 1860, has developed the ideal solution for convenient, high speed USB charging, power supply and data connection at the desktop. The Electrak Intersoc on-desk range provides a vast array of functions which can be configured to include charging of tablets and smart phones as quickly and conveniently as

possible. The new range offers simultaneous rapid charging for up to two mobile devices via twin USB outlets with 3.1 Amp charging capacity - a much faster rate than common, lower output chargers.

Intersoc on-desk has also been developed to offer quick installation and greater flexibility for the installer. Compatible with a wide range of data solutions, including plug and play RJ45 and data USB, the Intersoc on-desk range features data connectors at both the front and rear of the unit, allowing the installer to select the appropriate type and length of cable and connect it straight into the module. The high quality data offer can deliver Cat5e, Cat6, or even enhanced Cat6A.

For more information visit the company's website at: www.legrand.co.uk/electrak

With Legrand's power distribution solutions designers can deliver even more USPs by providing power, data and rapid charging solutions with their office furniture.

The next generation of Vollmer grinding centres is the CHC840 and CHC1300 grinding machines, for the processing of saw blades up to 840mm and 1300mm diameters. The new CHC lines has four CNC controlled axes that allow accurate grinding of virtually all tooth geometries in a single cycle - resulting in improved blade quality and tool life.

The CHC machines feature a new multi-function hand wheel that selects and controls the axes through a single module, which avoids operator error and can be used as a potentiometer to conduct adjustments to speed when in automatic mode. The user-friendly qualities are further extended by a large 10" LCD display and large viewing window.

In addition to oscillating grinding as standard, the machine has a motor driven hook and clearance angle adjustment for a rapid changeover from face to top grinding making the machines one of the most productive available for sharpening carbide tipped circular saw blades.

0115 949 1040 • www.vollmer-group.com



machine shop



Ligna
Hall 26
Stand A27

In 2013 Döllken was the only edgeband manufacturer at the Ligna trade fair in Hanover but the show was so successful that they'll be returning to Ligna in May 2015. Their presence in Machine Hall 26, close to Homag and IMA stands, will highlight the latest laser, hot air, plasma and NIR joining technologies. Digitally printed edgebands allow Döllken to produce customised dimensions and specific colours and prints to order within only 5 working days. Other examples of their edgeband services, like the Aqua-Stop-Pen, will also be on show.

+49 2043 9790 • www.doellken-kv.com



Ligna
Hall 11
Stand D16

At this year's Ligna the core themes for the Weinig Group will be resource efficiency, flexibility and networked production. Solid wood experts Weinig will be in

Hall 12 showcasing the introduction of new generations of technology whilst sister brand Holz Her, specialists in panel processing, will be demonstrating innovations in edge banding, CNC processing centres and panel cutting in Hall 11. The Powermat 700 from Weinig will, on show for the first time. The

moulder features the innovative "Comfort Set" operating concept that significantly reduces set-up times. Wireless communication between controls or tablet and the Powermat is now possible with the "Smart Touch" function. The focus will also be on new developments in profiling, cutting/gluing and joint technology.

01235 557600 • www.weinig.co.uk



Makita are well aware of the importance of dust extraction to health and safety concerns, which is why the latest range of L class dust extractors exceeds the performance required for wet and dry cleaning applications as well as the legal dust extraction requirements when working with non-hazardous materials. With capacities of 20, 25 and 30 litres the extractors have a new motor housing design with a flat top and integrated carry handle and accessory storage. Filters are housed above the tank line to maximise the holding capacity.

Powered by 1000watt motors the VC2012L and VC3011L automatically start when the coupled power tool switches on. All models have a maximum airflow of 3.6m³/minute and a maximum sealed suction rating of 21.0kPa.

www.makitauk.com

Boere will show the results of its latest sanding machine for denibbing at Ligna 2015 in May. The new development costs 60% less than the usual sanding machines for denibbing, allowing small and medium-sized furniture makers to achieve the high-quality, high-gloss finish for the first time. It was produced by combining the experience in existing markets with co-operation from furniture spray painters, lacquer and sanding material suppliers.

In addition, Select X-Line, the renewed texturing brush machine will be on show: its oscillating brush system follows wood grain smoothly, resulting in a stripeless and soft feeling finish.

Examples of products sanded on regular wide belt sanding machines will be shown as Boere remains a specialist in delivering custom-made machines, fully adapted to the customer. Finally, Boere's record in quality and lifespan will be demonstrated by the 2nd sanding machine ever built by Boere (in 1953) that still fulfils the technical sanding requirements asked for in the market.

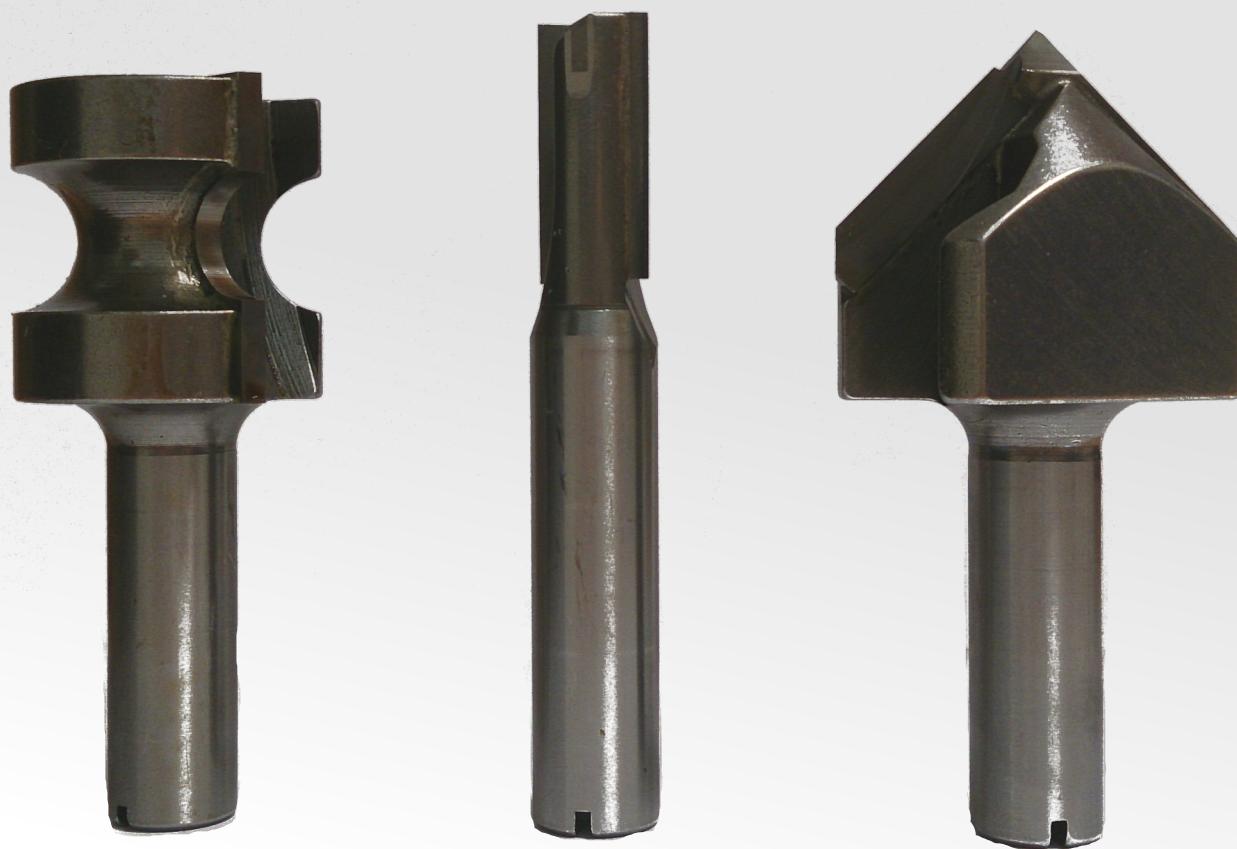
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LIGNA

scm at lig

Hall 25, stand C76:
Industrial
Technologies and
Systems

Hall 11, stand D50:
Machines for Joinery
and DIY

Hall 15, stand E36:
Technologies for
Timber Buildings

Hall 16, stand D03:
Finishing Solutions



Four stands in four halls - a total of 3,000 square metres - will be dedicated to the latest woodworking and panel processing machinery, finishing equipment and software developments by SCM Group companies at this year's Ligna in Hanover.

na 2015



The SCM Group will be showcasing its vast range of wood and panel processing machines on four stands totalling 3,000 square metres in four halls at Ligna 2015.

The main stand in Hall 25 will showcase innovations for all types of machining processes for the industry and panel sectors. Morbidelli CNC Machining Centres will demonstrate routing, boring and edge banding for both high productivity and small and medium batch production with fast set-up times under 45 seconds. Stefani will focus on superb finishing quality for industrial edge banding and alongside new models, new hot air edge banding technology will be presented. From Gabbiani and Mahros, the focus will be on fully integrated solutions that combine panel cutting, Morbidelli nesting machining operations and an intelligent magazine to enable excellent performance, with automation playing a key role in ensuring flexibility and high output for the management of very different types of orders. The sanding specialist, DMC, will launch innovative machining units that create trendy finishes, such as gouged, sawn and structured finishes.

For panel processing, a new CNC processing centre with multi-functional table designed and reduced footprint will make its debut and a new, compact edgebanding machine for the small business will be launched.

The focus in Hall 11 will be on solutions for DIY users and smaller companies. A star attraction will be the entire Minimax range, which has been revamped.

One of the Group's main innovations will be unveiled in Hall 15: the Oikos, the powerful Routech processing centre with a 6-axis machining unit, capable of machining workpieces up to 1,250mm wide, 300mm thick and 19 metres long. Visitors will also be able to see the Proview simulation software that prevents possible collisions and errors and calculates machining times and costs for components.

Hall 16 will be dedicated to finishing, with the Superfici innovations and, particularly, automated and robotised spraying systems. Superfici will also demonstrate polymerisation with UV LED systems.

The spotlight will be on Xilog Maestro CAD/CAM software for processing centres, which has been

enhanced by a module for 3D surface processing, Maestro 3D, which is added to application software for specific processes, such as Maestro Edge, Maestro Nesting, Maestro WD and MSL. Pro View simulation software will also be demonstrated.

Watch, SCM's line supervisor, will be demonstrated for furniture, doors and windows integrated manufacturing systems. Watch makes possible the fast, centralised, economical management of the entire manufacturing system.

The new version of Ottimo Cut will be officially launched at Ligna 2015 with a revolution in the management of the cutting process. High performance for panel cutting optimisation has been achieved by using a powerful algorithm developed in partnership with the Mathematics Department of an Italian university. Ottimo Cut facilitates up to a twenty-fold reduction in the time needed to calculate a complex cutting scheme as well as providing up to 50% waste reduction - results that were unthinkable before now.

For more information on the latest from SCM Group, visit Ligna 2015 from 11th May in Hanover or call SCM Group UK on 0115 977 0044.

LIGNA

Hall 12 stand D30
11-15 May 2015

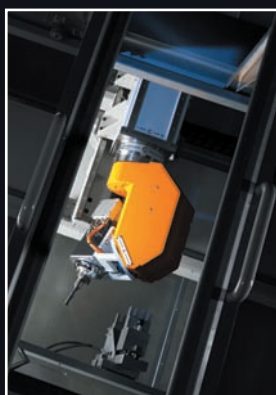


Above. A multi-head, twin table, five-axis Maka machining four high gloss finished curved fascias simultaneously.

Left. A custom-made Maka PE90, one of several machines that will be demonstrated on the stand at Ligna 2015.

meet maka

For MDF, wood, Ureol, composites and metals, Maka has the experience and the machines to offer you a complete solution.



The new Maka MK7 head.

Looking for a complete solution? In need of a total package? Service of paramount importance? Then you really can't afford to miss the Maka stand in Hall 12 at Ligna where Maka will be demonstrating the handling of parts and fixtures in a display that will show its machines working in tandem with Kuka robots. Visitors will be able to see first hand how heavy and bulky fixtures can be moved automatically via a Maka-Kuka robot and fixed onto the machine table with perfect precision every time.

Maka will demonstrate how experience and technology gained in other industries can be transferred to furniture and woodworking to benefit your production. Working in conjunction with specialist cutting tool manufacturers, various workpieces will be made on the stand from MDF, Ureol, composites (a particular focus with applications in the wood sector) and aluminium. These can be made on any Maka platform from the new DC7 horizontal machining centres to the moving beam BC150 and BC170, the popular PE90 and the latest versions of

the renowned twin-table MK7, MM7, CM and CR27 models. All are available with either the BWO or Siemens 840D-SL controllers, which are comprehensively specified for high-speed 3D 5-axis machining. And, of course, Maka also provides three and four-axis machines, along with through-feed, and Twin and Quad-Channel solutions.

Barcoding, automatic part Sensors, integrated "Plug-In Fixtures" with "Associativity" to automatically call-up the right programme and so eliminate operator error and setting time will all be demonstrated and Maka's expert construction engineers will be on hand to answer all your questions.

Demand for rapid response to service issues in the automotive sector has led to the development of first-class service support from which all Maka customers benefit. The head of Maka Hotline, Patrick Fischer, will demonstrate how Maka's unique service Hotline and Teleservice works.

To find out more visit Hall 12, Stand D30 at Ligna, call 01952 607700 or visit www.MAKA.com



CNC - Spezialmaschinen

11-15 MAY 2015

LIGNA

Hall 12
Stand D30

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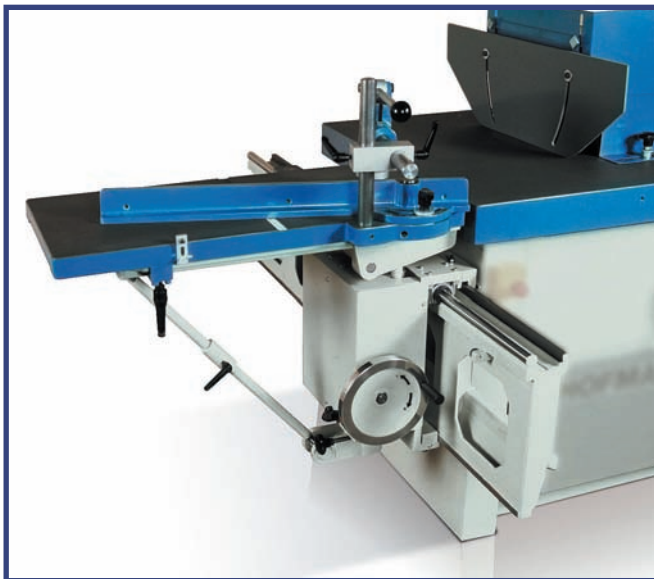
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Staffordshire ST5 9QF
Phone 01782 565265
Fax 01782 296541
www.jowat.co.uk

inside story

The large 815 by 1250mm table has a planed finish, not ground. Extensions are available which increase the table length to 2750mm.

Driven by a powerful 7.5 kW motor to IE2 standards with variable speed belt drive.



Hofmann TFS 1245

So many people learned their trade on famous British-made spindle moulders you would struggle to count them. The attractions were clear: immense stability, robust design and great flexibility meant the highest quality work could be produced on such machines. However, these machines needed one essential element - human skill. With the demise of the British manufactured machines, users were in a dilemma. Should they stick with what they have or should they buy a low quality, mass produced spindle moulder to replace the trusty workhorse? Not much of a choice really, with many users hanging on to "old faithfuls". Now, the Hofmann spindles range, available exclusively through Weinig UK, is a genuine replacement.

The TFS 1245 is just one machine in the Hofmann range that is characterised by quality German engineering at its best - but available for attractive prices. The range extends from the entry level TFS 107 spindle right through to the highly advanced award-winning spindle UFM Vision which comes with top-of-the-range design and features. Hofmann also manufacture a range of robust planers and thicknessers targeted at users who understand and believe in quality machines to produce quality products, making Hofmann products the "old faithfuls" of the 21st Century.

LIGNA

Hall 12, Stand
B50 - F50

Available through Weinig UK, the Hofmann range extends from the entry level TFS 107 spindle right through to the highly advanced award-winning spindle UFM Vision. Hofmann also manufactures a range of robust planers and thicknessers targeted at professional woodworkers and furniture manufacturing workshops.

Call Weinig UK on: 01235 557600

Visit www.hofmann-machines.co.uk



Modern controls and CNC technology do play a part in the Hofmann spindle moulders so that repeatable accuracy can be achieved quicker than with traditional old faithful machines. The automatic control panel can include up to four axis via LED display and has a 99 program memory covering the height and tilt of the spindle in addition to the fence and support positions.



The clever yet simple mechanical design is totally reliable and not dependent on complex electronics or control systems to make it work.



The Hofmann mid-range spindle moulder TFS 1245 has been designed and built like the old traditional British machines with an immense, planed cast-iron table, but engineered to modern tolerances which provide the best possible precision.



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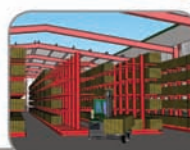
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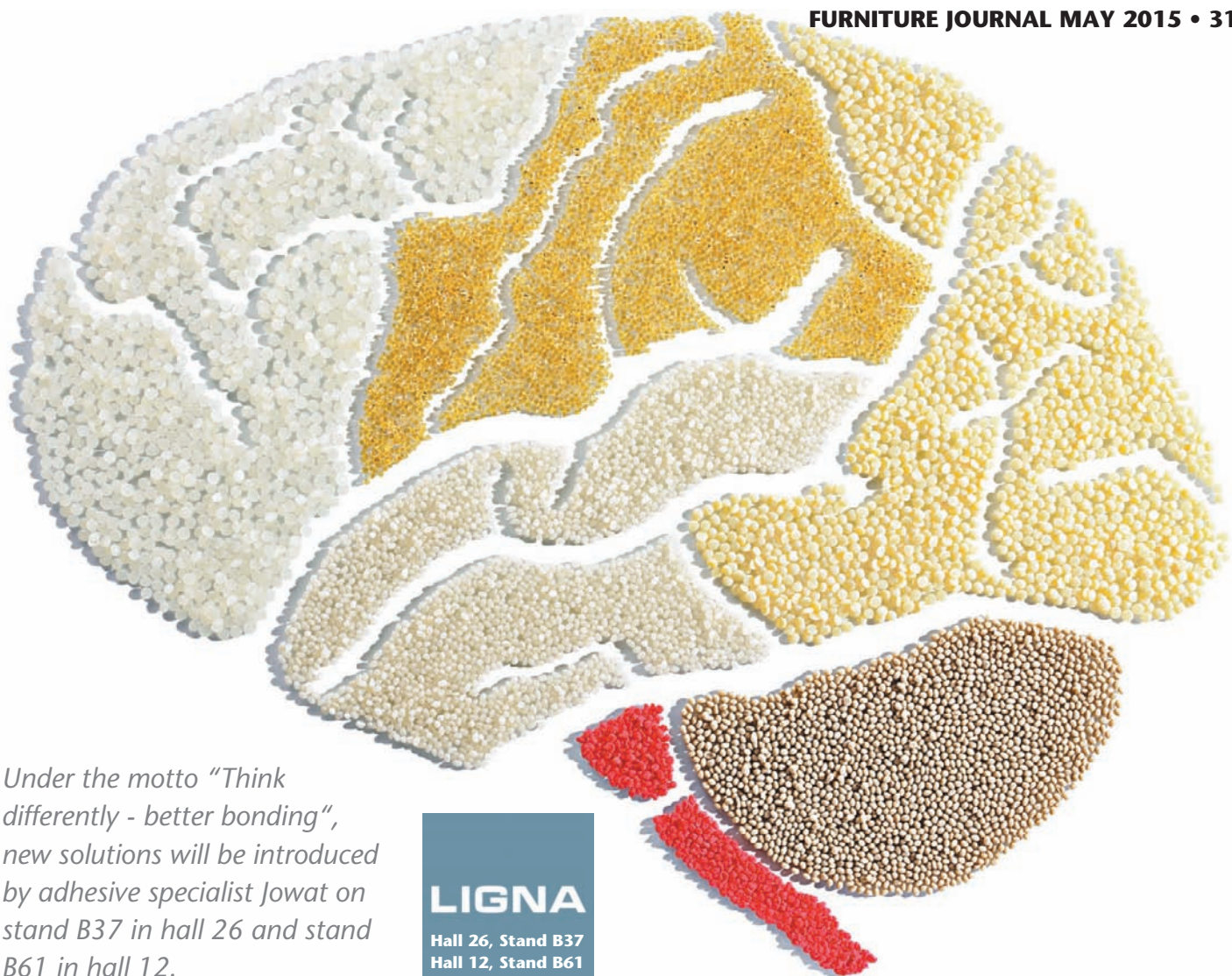


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Hall 15 D50

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Under the motto "Think differently - better bonding", new solutions will be introduced by adhesive specialist Jowat on stand B37 in hall 26 and stand B61 in hall 12.

it's a no-brainer

Jowat is inviting visitors to think differently at Ligna 2015 and reap the benefits of better bonding, today and in the future. What can your adhesive do and does it measure up?

Adhesives can do a lot more than just bonding. Those with electrical conductivity, for instance, can provide a source of heat for a more comfortable environment, while sound buffering, permeability and conductivity are benefits of some of Jowat's more specialised formulations.

Are you a user of hot melt adhesives? PUR Jowatherm-Reaktant® hot melts can be supplied in standard granulate form and can be processed on the standard edgebanders.

Jowat's primers function as adhesion promoters as well as being multi-functional all-rounders. When reactive polyurethane adhesives are used they function as an accelerator for the

crosslinking reaction. Sustainable adhesives for the manufacture of upholstered furniture from Jowat's Jowatac® range are formulated with over 80% renewable raw materials, while for load-bearing structural timber applications and solid wood bonding, Jowat improves performance and provides easier handling as well as improved quality in the final structural component. Among these are one-component PUR prepolymers which provide high-performance bonding and ensure gluelines which are free of formaldehyde. Jowat's EPI dispersions offer superior heat and moisture-resistance, reaching levels above the durability class D4 in solid wood processing.

Can your adhesives do all of this? If not, maybe it's time to start thinking differently. Call Jowat UK on 01782 565265 or visit Jowat at Ligna 2015.

The characteristics of adhesives used in upholstery have to provide a long open time, a broad spectrum of adhesion, and superior initial strength. Jowat's new generation of solvent-based adhesives fits the bill. Its thermoplastic and reactive hot melt adhesives provide a healthier environment when laminating and coating mattress cover fabrics, in textile compound lamination, mattress assembly and the laminating of foam-based materials.



LIGNA

Hall 14

Two of the mainstays of the Felder Group's Format-4 range: the Perfect 710 e-motion edgebander, left, and the Profit H08.

15 and counting

Fifteen years ago Felder Group launched its premium brand, Format-4 to fulfil the demands of the professional woodworking industry. Continuous innovation combined with the guiding philosophy *Everything from a Single Supplier*, underpin the success of the brand.

Format-4 is all about premium quality made affordable. The arrival of Format-4 meant high quality, computer controlled machines with accuracy to a 1/100th of a millimetre were available to smaller companies at an affordable price, allowing them to compete with professional productivity. Over the last 15 years, numerous innovations and patents have been introduced and Format-4 has developed into a complete top of the range package.

Hansjörg Felder, Managing Director of Felder, has confirmed his plans for the future stay in line with the core vision: "Our individual products, tailor-made machine configurations and

Hansjörg Felder highlights the success of Felder Group's premium Format-4 range over the last 15 years.

competent advice will enable us to follow a path without compromises," he stated. "Moreover, our solution orientated customer service, consequential innovation and traditional values make sure that we always stay true to what we believe.

"Our direct contact and close relationship with woodworkers enables us to meet all requirements and we use this feedback in the development of new machine concepts. This is the secret to the success of the Format-4 brand."

At Format-4 the in-house research and development department continuously implement technical innovations while modern production technology and strict production

standards provide a foundation for machines which offer high processing quality and excellent precision. Both are seen as critical if customers are to optimise their productivity - but alongside that, Felder Group provides access to a high level of expertise through constant training. "Just like our machines, our competent Format-4 sales advisors are always ahead of the game," explains Hansjörg Felder. "With passion, conviction and constant training we make it possible to offer each customer the exact machine they require."

From panel saws, spindle moulders and edgebanders, to CNC processing centres with five axis control, customers from around the world have chosen to invest in Format-4. "They have become ambassadors of perfect woodworking."

To see how a Format 4 machine can benefit your workshop call 01908 635000, visit www.felder-group.co.uk or Ligna 2015 in Hanover from 11th-15th May.



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Hall 26 • Booth B65



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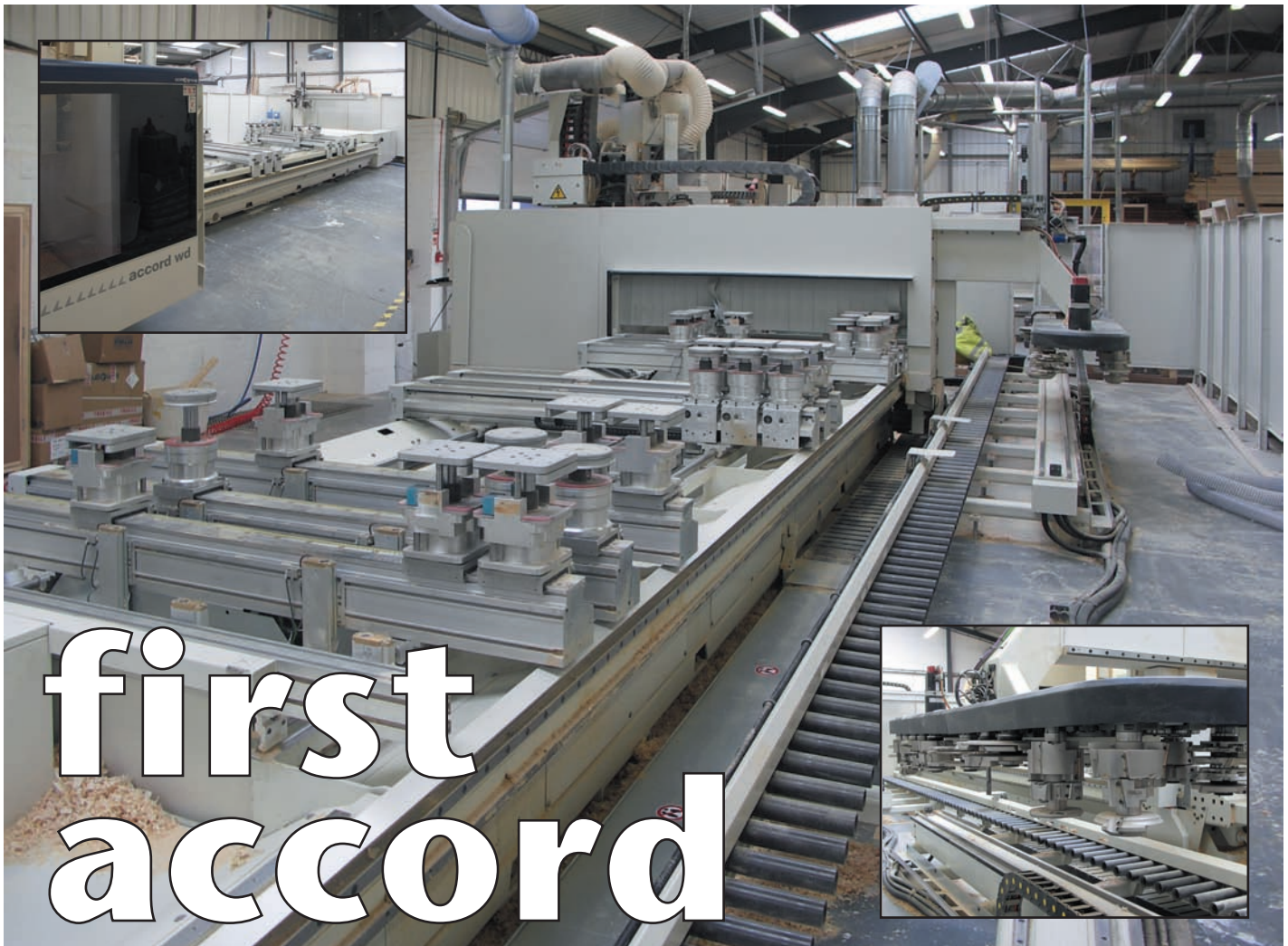
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first accord

Traditional Sash Windows is very much a flourishing family business. Increasing demand brought the need for a CNC machine capable of grooving, bevelling and machining horns, draught excluding strips and security bolt locations. It was felt a CNC machining centre, with a 5-axis routing head, would machine all window and door components in one location on the CNC's table without loss of datum when moving components from one machine to another and, at the same time, would provide greater accuracy and a better finish.

At SCM Group's CNC manufacturing unit in Rimini, SCM UK's Area Sales Manager, Mike Lee arranged demonstration of the new Accord WD Cell. The Accord WD Cell includes an automatic component feeding and stacking facility and can be used for production in batches and in single units without interruption of the work cycle whilst maintaining maximum feed speed (and without the continuous presence of the operator). The 5-axis machining unit is supported by a rigid mobile gantry-type structure for fast profiling of large section elements. The machining area is 6360 x 1905mm and

Traditional Sash Windows takes delivery of the first SCM Accord WD five-axis machining centre.

machining takes place on one half of the table while the finished components are unloaded from the other half and new ones are loaded. The worktable can easily be accessed for manual loading and unloading.

A 13kW, 5-axis Prisma T machining unit ensures profiling of large section elements with fast feed speeds. SCM's electrospindles (with HSK 63 E tool holder fixing) allow the use of tools of large dimensions and with double profile ensuring ease of profiling on elements of a large cross-section. A Rapid 12-tool tool-changer is adjacent to the 5-axis head while a 48-station TRC rear tool-changer accommodates large dimension and heavy duty cutting heads. Cutting, routing and boring can be carried out vertically and horizontally without needing the tool changer using the 3kW machining unit (Type BRC). There is also a single secondary unit using an independent Z-axis and dedicated inverter. The twin

spindle horizontal head includes a two-spindle boring unit and a sawblade unit. *Matic* ensures automatic worktable set-up in seconds and all the bars and supports move simultaneously. Cleaning blowers remove all shavings from the sliding zone and on the component hold down base during changing of the clamps. The Accord uses *Maestro WD* parametric software which supports the design requirements of the most common types and geometric shapes of linear and curved door and window frames. A simple and intuitive graphic interface guides the user through every step of the project all the way to creating the machine programs.

Chairman, Paul Kitching, concludes, "We are very please with the SCM Accord WD and can see the benefits of the machine, especially the quality of the finished components and the machining of rounded edges. At the moment we are set up for sash window production and eventually we will move on to door production."

For more information on the SCM Accord WD call SCM Group UK Ltd on 0115 977 0044, fax 0115 977 0946 or visit www.scmgroup-uk.com



New facilities at Mirka mean the Finnish company can develop new kinds of abrasive products cost-effectively and in high volumes.

mirka expands



KWH Mirka Ltd is part of the Finnish family-owned KWH Group and a world leader in abrasives technology innovation. Mirka offers a complete range of abrasives, tools, complete sanding and polishing solutions as well as related supplementary products and accessories, giving Mirka customers' access to a complete sanding solution to meet individual needs.

The company started up its fourth production facility in Jakobstad and a wide belt conversion unit in Belgium a couple of years ago. Today, Mirka has production facilities on four different locations: Jeppo, Oravais, Karis and Jakobstad, all in Finland. Mirka's biggest investment for 2015 is the building project of a new hall for an additional new production line at the company's main location in Jeppo. The

new hall is 4,740m² and will equip a new production line, further processing lines and facilities for logistics and shipping. The production line will be built on a completely new technique, being an effective high capacity line and at the same time energy-saving. "The new production line will give us completely new possibilities," says CEO Stefan Sjöberg. "With our new technique, we are able to develop totally new kinds of products and these can be produced in a cost-effective way in high volumes and, when needed, adapted to customer needs. We can now guarantee that we can not only meet the demand but also continue to be the forerunner in our business with innovative new solutions."

For more information call 01908 369468 or visit www.mirka.co.uk

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Main image. The pristine, new extraction system at Bill Cleyndert Ltd employs Dustraction's new low-noise impellers on fans sized specifically for the project. Noise levels have been significantly reduced, although suction capacity has been increased by 50 percent, and new shaker mechanisms remove caked dust from filter sleeves automatically.

Right. The new extraction system in Cleyndert's purpose built 28,000 sq ft manufacturing complex services 18 machines on the shop floor and a hand workshop and it makes use of some of the existing pipework to keep costs down.





quality counts

Two British manufacturers, Dustraction and Wood Waste Technology, team up to provide Norfolk-based Bill Cleyndert & Company Ltd with a new heating and extraction system.

Strong organic growth in the manufacture of bespoke, high-end furniture, cabinetry and joinery fuelled investment in a 28,000 sq ft purpose-built manufacturing complex at Bill Cleyndert & Company Ltd, with 18 woodworking machines on the floor, a new bespoke finishing department - and a new extraction system to cope with the higher workloads.

The existing extraction was falling short of standards. "There simply wasn't enough draw and its working levels were falling behind," explains director Mandi Cleyndert. "We pride ourselves on maintaining high levels of manufacturing quality and that, for us,

meant a new woodwaste extraction system to keep us in line with the latest technology."

Investment, not just in new extraction but also a bio-mass burner, came with a promise of significantly reduced fuel and waste disposal costs for the next 20 years. "We knew the level of investment would be big," said Mandi, "Therefore the equipment had to be right and installation prompt."

Keen to use one company to oversee the project, Dustraction was chosen to work with heating specialist Wood Waste Technology Ltd to upgrade the existing extraction and boiler. The two companies, which have worked





An silo auto-feeds a Gross briquet maker.



New low-noise fan set impellers provide a significant reduction in noise output.



Above. The new briquet manufacturing system from Gross.

Below. Control made simple with a fully sequenced touch-screen HMI panel.



together on several large projects before, installed a bio-mass burner and waste disposal system in tandem with a new, made-to-measure dust and chip extraction system. Steve Matuska, Managing Director at Dustraction, designed the system and worked with Cleynrdert to create a solution the company could work with well into the foreseeable future. "Working alongside Wood Waste Technology, we created a new and bespoke extraction system incorporating elements that remained from the existing system," says Steve. "One of the original 22kW fan sets, an existing extraction main and some of the steel ductwork were all still in good working order, so we incorporated these elements into the design, reducing costs while still guaranteeing optimal wood waste handling."

Noise levels and suction were Cleynrdert's main concerns. "We were able to introduce our new low-noise impellers into the mix on fans sized specifically for this project," confirms Steve. "Noise levels are significantly reduced and new LEV air volume tests based on the existing 450mm main operating at a velocity of approx 25m/sec show that suction capacity has been increased by 50 percent. Extraction is also dramatically improved," he adds.

New cloth filters from Dustraction also provide a filtration velocity of approx 2.4m/min (6.7ft/min), with three new automatic shaker mechanisms for the removal of caked dust from filter sleeves - all controlled on a fully sequenced touch-screen HMI panel.

The system was installed in two phases and the Cleynrdert team was given training by Dustraction's engineers on the use of the purpose-designed control panel and filters. "I was expecting teething problems because we were integrating new with old," says Mandi, "But I've been pleasantly surprised. It's all very simple to use and the shaker cleaning is fuss-free."

Steve sums up: "At Dustraction, we don't believe one size fits all. We create dust extraction systems to far-sighted designs and we aim to forge lasting partnerships with our customers with an eye on the future. We're proud to say that we manufacture bespoke systems to new designs here in our Leicester factory and we offer a loyal service to our customers, many of whom we're still working with 40 years and more down the line..."

To find out more about what Dustraction could offer you, contact Steve Matuska on 0116 271 3212 or visit the Dustraction website, www.dustraction.co.uk

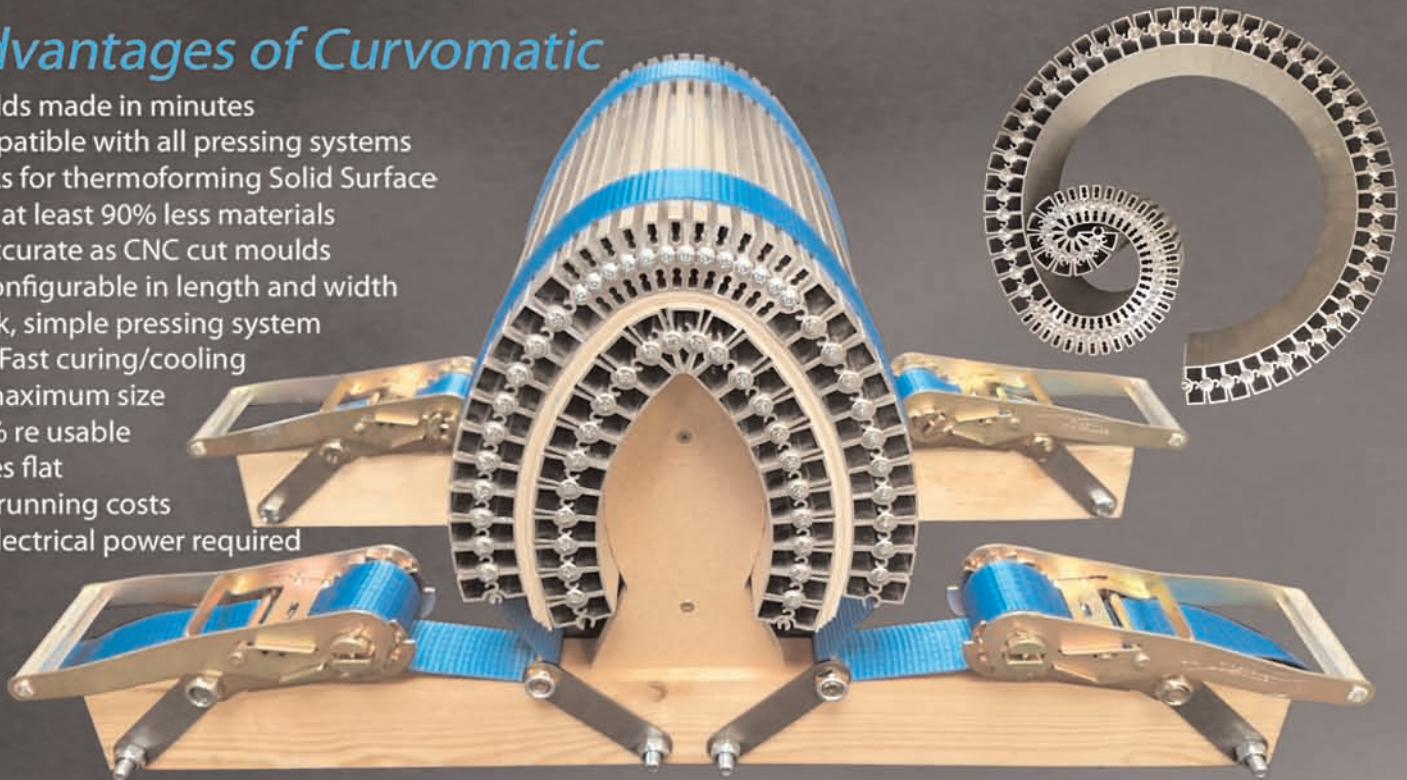


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Advantages of Curvomatic

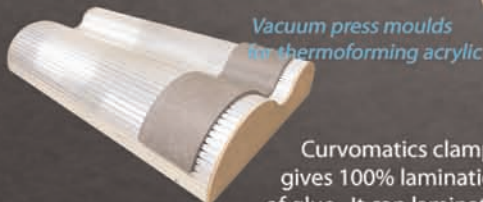
- Moulds made in minutes
- Compatible with all pressing systems
- Works for thermoforming Solid Surface
- Uses at least 90% less materials
- As accurate as CNC cut moulds
- Re configurable in length and width
- Quick, simple pressing system
- Very Fast curing/cooling
- No maximum size
- 100% re usable
- Stores flat
- Low running costs
- No electrical power required



Curves will simply cost you less

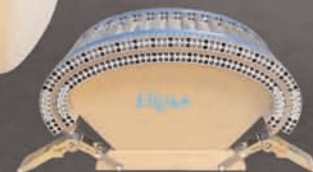
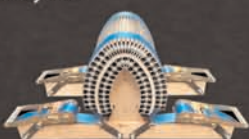
Born from the need to make curved moulds without the usual expense and waste. Curvomatic uses a fraction of the materials and time involved with the more traditional techniques.

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Curvomatics clamping method gives 100% lamination with a scrape of glue. It can laminate / form anything that will bend, being able to apply many times atmospheric pressure without damage. Panels made with our system are extremely accurate and flawless.

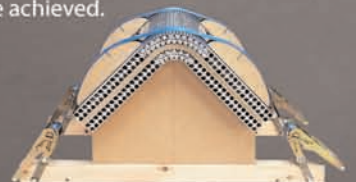
The moulds take between 10 minutes and an hour to assemble and then store away flat.



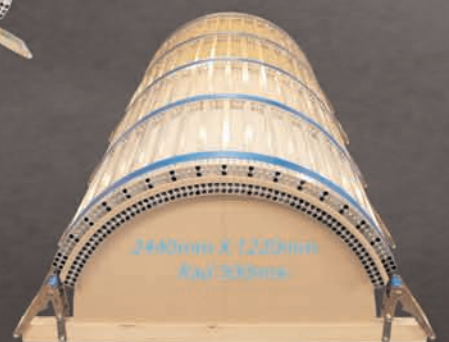
With our new extrusion you can also make tiny panels. As seen above.



Get creative with your clamping and you will find that pretty much any shape can be achieved.



Big panels are a problem with other systems but Curvomatic moulds can be made quickly even for the largest jobs.





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