

# Kitchen Maker

Issue 8

Online



**BLACK IS BACK**

# WOODWORKING MACHINERY

## Introducing the **NEW** ATACAM CNC Routers

**ATACAM**

PRICES  
FROM  
£38,000

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

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from **ATA Engineering**



### New Improved Model TSM22 Pocket Router

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

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

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

*Call us today to arrange a demonstration.*



**ATA Engineering Processes Ltd**

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# TIMELESS, BOLD & ELEGANT BLACK IS BACK!

KITCHEN  
DESIGN

TIMELESS, bold and elegant. Black is back! The more monochrome the better!

Modern design trends generally point to all white as the kitchen colour palette of choice, but what about the opposite end of the colour spectrum?

Perhaps the most classical combination is black and white. A simple two-tone style works well. Split the two colours, so that the lower cabinets are all in black and the upper ones are pure white and you have a look which is totally modern. The result is a sleek, bright space.

A contemporary colour blocked kitchen can make a dramatic statement and combining it, perhaps, with a marble splashback will add both colour and texture.

Sleek black lines can be coupled with the soft warm hues of light wood to provide a perfect balance. Beautiful light grain wood will draw the eye in an otherwise totally monochrome kitchen.

A minimalist space will certainly make a statement when combined with black cabinetry. Keep things simple for a bold, streamlined look.

Old and new elements can be blended together quite seamlessly – maybe with the addition of a few industrial style accessories.

Brickwork can work particularly well as a feature in a more industrial style of kitchen. Sandblasted bricks can provide a stunning backdrop and even more modern brickwork can work extremely well if given a few coats of black paint – in either a gloss finish, or a matt one.

Gold coloured fixtures, such as brass taps, be they modern, or more classical in design, will produce a stunning effect in an all black industrial style kitchen.

Black splashbacks, or black tiles will contrast well with white worktops and stainless steel sinks and taps.

Need to add a touch of colour? Try yellow. Black and white colours relieved by a splash of ochre can be used to good effect







to provide a focal point, presenting a simple, but extremely effective alternative to a totally monochrome look.

Stainless steel handles combine well with black and brass pulls will work equally well.

Black cabinetry in the form of tall wall cabinets reaching to ceiling height will work brilliantly if the ceiling features wooden panelling in much lighter, warm golden tones.

And how about the flooring? Chequer board black and white tiling is a classical combination.

Stuck with an all white kitchen? Replace existing kitchen stools with new black ones. Add a selection of black cushions to seating areas. Hang black lampshades low over a kitchen table. Replace your kitchen utensils with all black ones. Buy a few black pots to house your house plants. There are any number of different ways to put black back into the kitchen and to do so at very little cost.

Timeless and elegant, black always makes a bold statement.





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With the T54 surface planer and the T45 thickness planer you have two specialists who complement each other perfectly. Each of the two machines is designed for uncompromising fulfilment of their roles and ensures optimum working results. Discover planing now.

**MARTIN**



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# MARTIN MACHINERY PROVIDES A WINNING COMBINATION

MANUFACTURING  
MACHINERY

KAIZEN Furniture specialises in the design and manufacture of the finest luxury interiors for prime London residences with the emphasis on bespoke furniture, cabinetry and joinery solutions.

Kaizen designs, engineers and produces bespoke furniture exclusively made for individual clients. No matter how big or small the project in question, Kaizen can create everything from single pieces of furniture to entire kitchens (as well as bedrooms, bathrooms and dressing rooms), or furniture for commercial spaces.

Kaizen works in a wide variety of different materials, including timber, acrylic and glass, metal and stone.

The company's well-trained team of experts will take care of the entire process for the client – from developing a design through to production and ultimate installation.

By managing a project from start to finish and down to every final detail, Kaizen can ensure that everything comes together seamlessly on time and on budget.

At Kaizen the aim is to create the highest quality furniture to meet the precise demands of its clients. This is why Kaizen designers and craftsmen work closely with clients from the very beginning of each project.

Kaizen is a Japanese philosophy devoted to continuous improvement and attention to detail in manufacture.

The company was named thus, because it is committed to setting and achieving the highest possible standards. At Kaizen there is a very strong belief in making high quality furniture that

it tailored exactly to each individual client's demands.

That is why every piece of Kaizen furniture is hand made in the UK and combines craftsmanship with forward thinking design.

Kaizen is based in London and Essex, where the company's well-managed workshops are located. One feature of the well-equipped workshops is the operation of German woodworking machinery supplied by the well-renowned manufacturer Martin.

Two models from the Martin range which feature in the workshops in Ongar in Essex are the Martin T45 planer/thicknesser and the Martin T54 surface planer.\*

The T45 planer/thicknesser which features in Kaizen's workshop helps to ensure that smooth results are achieved every time.

It provides the company with perfect planning results and it is impressively silent in operation.

Ideally suited for modern production methods, it supplies cleanly planed wooden surfaces.

It is quick and easy to operate and, for those companies which are on a limited budget, it offers excellent value for money.

Irrespective of whether short or long workpieces are being planed, the sturdy thicknessing table extension can dispense with the need for a second person located behind the machine.

Short workpieces do not fall on to the floor and longer ones are supported at the out-feed side.



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The table extension always moves synchronously with the thickening table and this accessory can be retro-fitted without any problems.

It is possible to choose between the long 1,200mm version, or the short, foldable 450mm version. The latter can also be mounted on the infeed side.

The workpiece transportation of problematical materials and short workpieces can be improved by means of a second rubber outfeed roller – especially if no lubricant can be used. The second outfeed roller is also available as a steel roller.

The operator can switch between the standard feed speeds of 6m/min and 12m/min during the planing operation.

Another distinct advantage is that the feed speed can be adjusted by means of the optional, infinitely variable feed control. This option allows variable feed speeds between 2m/min and 25m/min – depending on the individual design.

The Martin T54 surface planer was initially developed primarily to accomplish two separate tasks – firstly to dress workpieces perfectly and, secondly, to provide these workpieces with superlative angular edges quickly and safely.

As the production staff at Kaizen know only too well, you only arrive at the perfect end result with perfect preparation

Martin's T54 surface planer features an easy-running guided surfacing fence with an integrated auxiliary fence, which enables quick and precise operation.

The ball-bearing guided

jointing fence runs smoothly and without tilting on tempered raceways. In years to come, it will work as precisely as it does on the very first day following its acquisition.

Chamfers can be planed in no time at all, owing to the fact that any angle between 90 deg and 45 deg can be set quickly by means of the user-friendly single-handed operation.

Kaizen has come to depend on its Martin machinery in much the same way as it depends on the skills of the dedicated team of production staff in its workshop. It's a winning combination.

Want to find out more?  
Visit [www.martin.info](http://www.martin.info) or [www.kaizenfurniture.com](http://www.kaizenfurniture.com)



*Martin's T45 planer/thicknesser is impressively silent in operation.*



*Martin's T54 surface planer features an easy-running guided surfacing fence with an integrated auxiliary fence, which enables quick and precise operation.*

## BY THE NUMBERS

# 45,000+

ACTIVE USERS WORLDWIDE

According to the latest CMA Benchmark Study, more woodworkers choose our products than any other software system. In fact, it's not even close.

# 35

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# 117,950,504

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We run our software through test after rigorous test to ensure that we only release the most stable products to our customers.

# 85 / 11

COUNTRIES/LANGUAGES

Our software can be found all over the world and it's available in 11 languages.

“ We may have only a couple of days to do an impossible job, but ALPHACAM makes it possible.

Jason Szukalski  
Director - Anarchy Ltd

“ Without CABINET VISION, we'd probably need three additional members of staff to achieve what we do.

Ruth Lovelock  
Hetherington Newman



# ALPHACAM & CABINET VISION

## THE WORLD'S #1 SOFTWARE SOLUTIONS FOR THE WOODWORKING INDUSTRY

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**ALPHACAM** provides unparalleled ease of use, process automation, and sophisticated toolpath generation, seamlessly integrating both 2D and multi-axis cutting strategies which can be applied to any type of component.

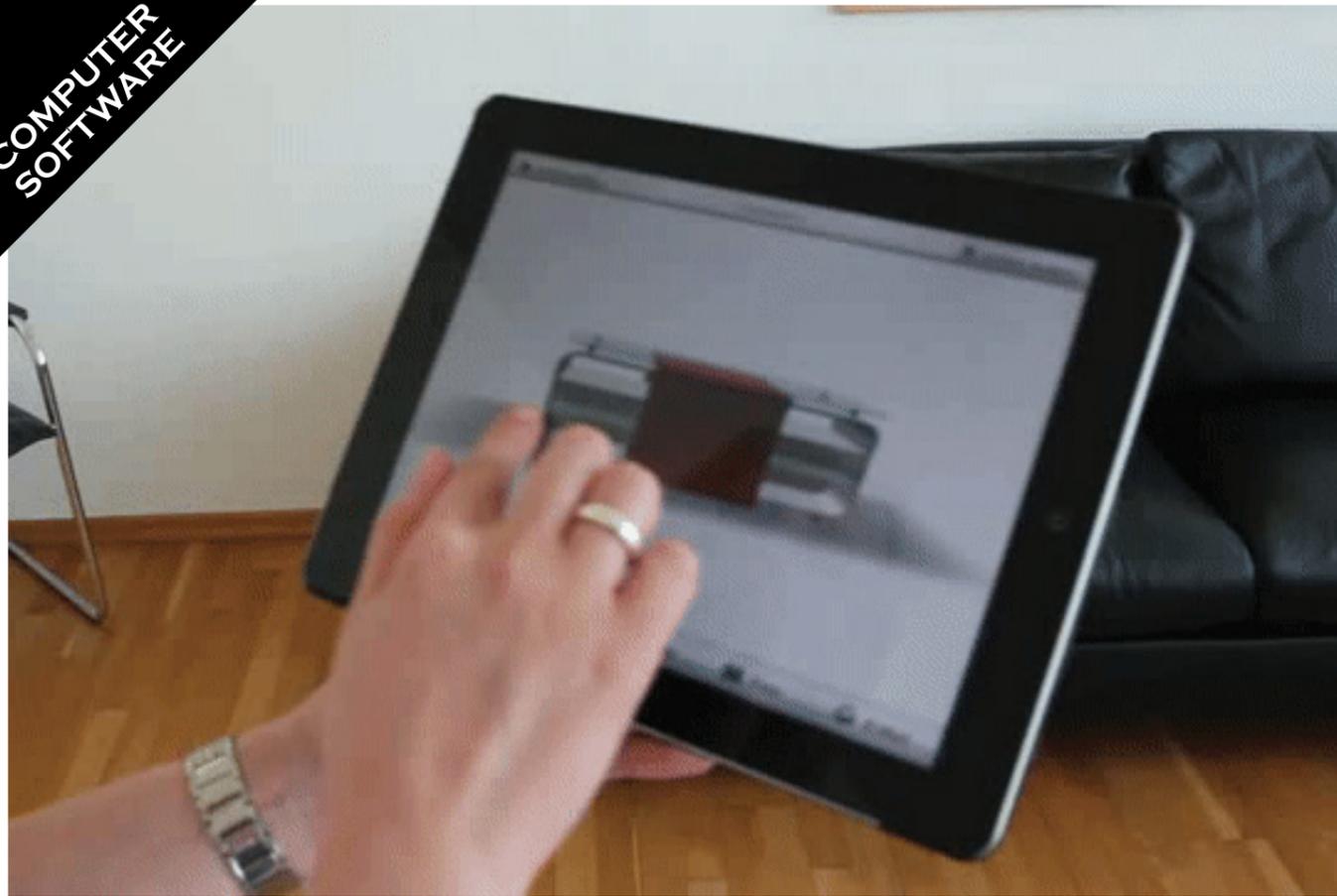
**CABINET VISION** is capable of custom cabinet and room design, photo realistic rendering, material optimisation, bidding and costing, cutlists and bill of materials. Combined with the powerful Screen to Machine Center, it can automatically create machine ready G-Code for your CNC machinery.



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# CABINET VISION HELPING OPERATORS TO ENSURE 100 PER CENT ACCURACY FOR EVERY PANEL PRODUCED

UNTIL just over a year ago, building and joinery company, Neighbour Construction had never used a CNC machine and didn't know that combining it with specialist software could help transform the business.

When the company invested in a Felder Profit H 200 pod and rail machining centre, Felder recommended they program it with Cabinet Vision software, as almost all their work is bespoke.

Now, Neighbour Construction director, Dominik Dubaj says that Cabinet Vision has eliminated all human error and means that they can cut around 16 cabinets for a kitchen and have them sanded with a primer coat applied, within a day or two.

In addition, bedroom wardrobes, which would have taken two or three days to make previously, can now be produced in around five hours, to the pre-assembled stage.

'We had zero knowledge and experience of working with CNC machine tools, but saw immediately that the standard proprietary software was not going to be effective in creating programs for the bespoke products we manufacture, as the



## ALL THE BEST STATE-OF-THE-ART SOFTWARE SOLUTIONS NOW ON HAND FOR KITCHEN MAKERS

in3D SOFTWARE LTD is the authorised imos AG partner for the UK. Based near Bath, the company offers state-of-the-art software solutions designed for the woodworking industry as a whole, with many of its software solutions proving to be particularly popular in the kitchen manufacturing industry.

With over 27 years of experience, in3D has the knowledge and technical know-how to supply, integrate and support software and systems for the woodworking industry.

However, supplying great software is only the start! At in3D there is a strong belief that the training and follow-on support are second to none, ensuring the continued productivity and efficiency of your software.

Imos simplifies the process in the planning and the production of furniture and interior design. Imos software applications convince with regard to simplicity, efficiency and innovation with a high quality standard "Made in Germany".

Imos solutions are based on an innovative technical approach, allowing all the possibilities for designing furniture and modifications in every step of the process but, at the same time,

ensuring an internal manufacturing standard.

Together with its customers, imos constantly verifies the requirements of the industry and adjusts its software solutions accordingly. Consequently, imos has become one of the leading software providers to furniture manufacturers worldwide operating in a highly competitive market orientated industry.

Imos continuously accompanies the manufacturers of furniture and interior design from sale and planning, presentation and design through through to the final manufacturing process.

The industry specific 3D design tools are linked with modern machines and new communication platforms, so that an individual piece of furniture, or complex design concepts can be realized economically.

Accuracy in details and consistency ensure greater security in the manufacturing process. The modular structure of imos allows a step by step implementation into the company.

Want to find out more? Visit [www.in3d.co.uk](http://www.in3d.co.uk)

### KITCHEN MAKER ON-LINE NEXT ISSUE: WORKTOPS & EDGE-BANDING FEATURE

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calculations would have simply taken too long,' says Dominik Dubaj.

'From the very beginning Cabinet Vision removed any issues we had previously with manual work where panels sometimes weren't square and had to be redone,' says Dominik.

'We'd only find those problems when something wouldn't assemble properly on site. However, Cabinet Vision ensures that every panel is 100 per cent accurate and means that our installations now take just one or two days instead of a week,' says Dominik.

Neighbour Construction has recently replaced a panel saw with a Felder CF 741 S combination saw and even though Cabinet Vision doesn't program it, as it's a manual machine, the software does play a large role with it.

'Cabinet Vision has been specially configured for us to generate a cut-list for pre-cutting the panels on it,' says Dominik Dubaj.

The company worked with the same type of bespoke User Created Standard (UCS) for their previous panel saw, too.

'We use the Cabinet Vision cut-lists to pre-cut the panels on the combination saw, oversized by 6mm. Then the software generates precision dimensions for finishing on the Profit H 200 pod and rail machine. These correspond to the design and the program includes features, such as holes for our cam and dowel joints,' says Dominik.

As well as manufacturing and fitting joinery products, the software means that the company can also offer their products in flat-pack format for customers who want to carry out the assembly themselves.

It guarantees that the panels have the required high precision throughout, including overall dimensions and the positioning of the cam and dowel holes.

Neighbour Construction was formed in 2006 as a building company, before expanding to provide fit-outs with joinery and cabinetry for kitchens, bathrooms and bedrooms.

Having successfully built a strong reputation, Dominik Dubaj felt the time was right to take the company to the next level, which involved moving to a bigger workshop and investing in CNC machinery.

At 3,000ft<sup>2</sup>, the new premises in Edmonton, North London, are between three and four times the size of the old factory and the company now operates with an expanded work force, which now numbers five employees.

'The combination of machinery and Cabinet Vision helps keep costs down, whilst ensuring that everything we produce is right first time, every time,' says Dominik Dubaj.

Working mainly with moisture-resistant MDF Medite, birch plywood, and other veneered MDFs, the first part of the process is to design the individual cabinets and the room layout in Cabinet Vision.

'We even use it if we're only creating a couple of cabinets. I can't imagine doing any joinery cabinet work without it now,' says Dominik Dubaj.

'The 3D design already has the NC codes behind it, which means we only need to do the work once. Then we produce the cut-lists. The process really is that simple,' he adds.

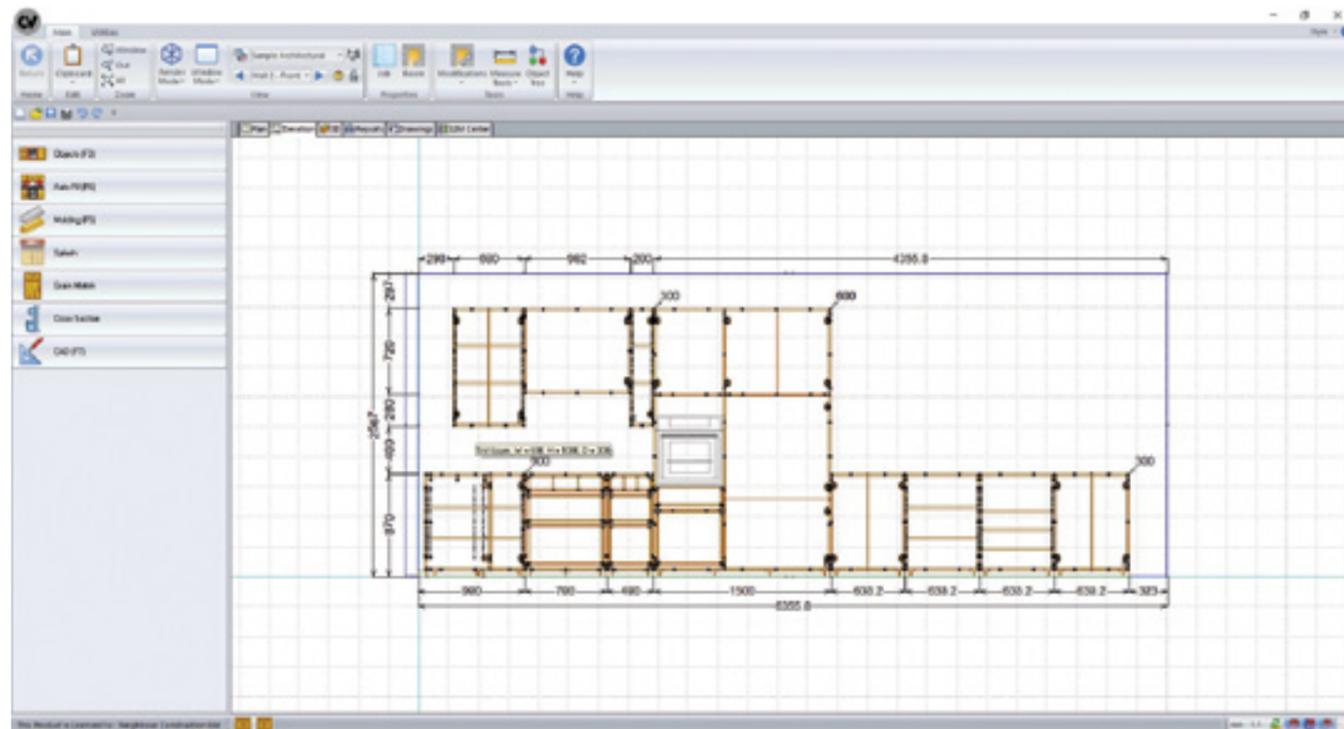
'With Cabinet Vision we have an image of what we're cutting, so we can see the panels both on-screen and on print-outs and we have a list of dimensions for the operator to follow, along with the labels for each panel which are printed in sequence,' says Dominik.

'Our machine operators follow the cuts on the list and we can easily keep order of the panels and know which programs need to be executed to build a bespoke cabinet. It also shows the amount of material we need, which helps us get accurate costings,' he adds.

In conclusion, Dominik says that Cabinet Vision gives the business greater capacity, as it only takes a couple of days to get product from design to installation, if necessary.

'I can't imagine producing precision products this quickly, if we were using traditional methods. Cabinet Vision makes a major contribution to us being a real game player today,' concludes Dominik.

Want to find out more? Visit [www.cabinetvision.com](http://www.cabinetvision.com)



# CREATING INDIVIDUALITY AND MORE CHARACTER IN KITCHEN INTERIOR DESIGN

FROM the introduction of mass-produced, plain white edge-band in the 1960s, designed to simply cover the open sides of chipboard, through to recreating wood-effect décors in the 1970s, or multiplex and glass-effect profiles in the 1990s, it is easy to see how edge-banding has come a long way over the past 50 years.

As a polymer specialist, Rehau has moved with these transitions every step of the way, pioneering with design and developing cutting-edge technology.

Today, Rehau is one of the leading edge-band manufacturers in the world. Through working closely with all leading board and machine manufacturers, Rehau has created the Standard Stock Program – an expansive range of edge-band, which consists of over 1800 colours and décors in thousands of variants and all available from stock.

This has made Rehau the ideal, innovative partner, offering flexible solutions for all set-ups, from independent carpenters and joiners to large-scale industrial-size furniture manufacturers.

Rehau's Raukantex edge-band range has been developed for all commonly-used processing methods, whether you are using a hand-held edge-bander and require a primed edge-band for use with hot-melt adhesive, a top-of-the-range laser, hot-air, or NIR machine for a true zero joint finish. The Standard Stock Program has the perfect edge-band for every requirement – without compromise.

Today the trend in furniture design is moving towards individuality and character, especially in areas, such as kitchen interiors.

Rehau is able to produce digital printed edge-band designs with a long print repeat: whether in matt, soft-touch, high-gloss and metallic, or in a textured surface finish.

Rehau's polymer glass surface material, Rauvisio crystal, has undergone continuous development over the past couple of years. Originally a small collection of gloss colours, it has grown to an extensive range of on-trend designs.

With décors that imitate natural materials, such as stone, it is now possible to bring any design vision to life. Of course, all colours and décors are available in gloss and matt finishes with matching edge-band – for that seamless quality.

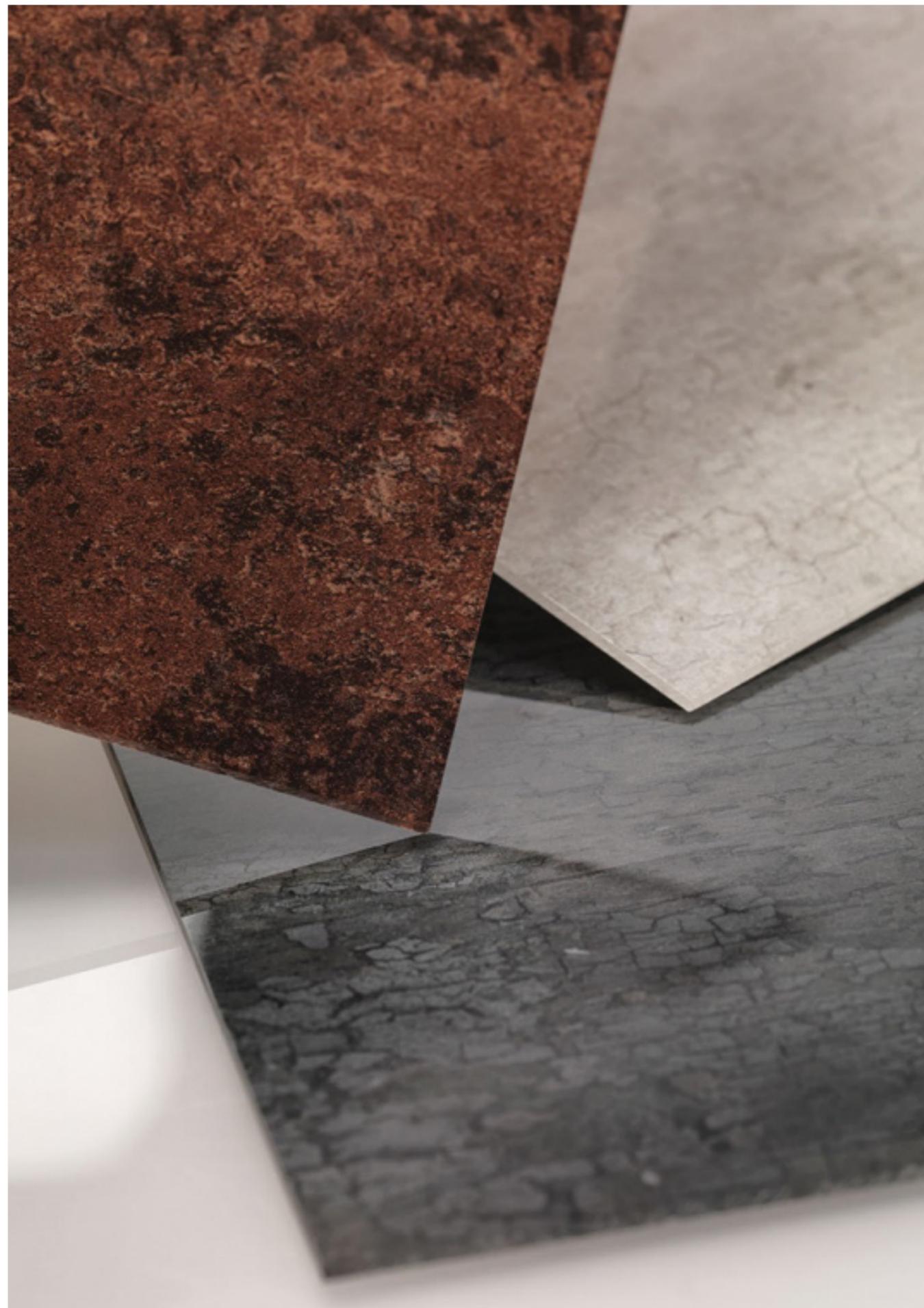
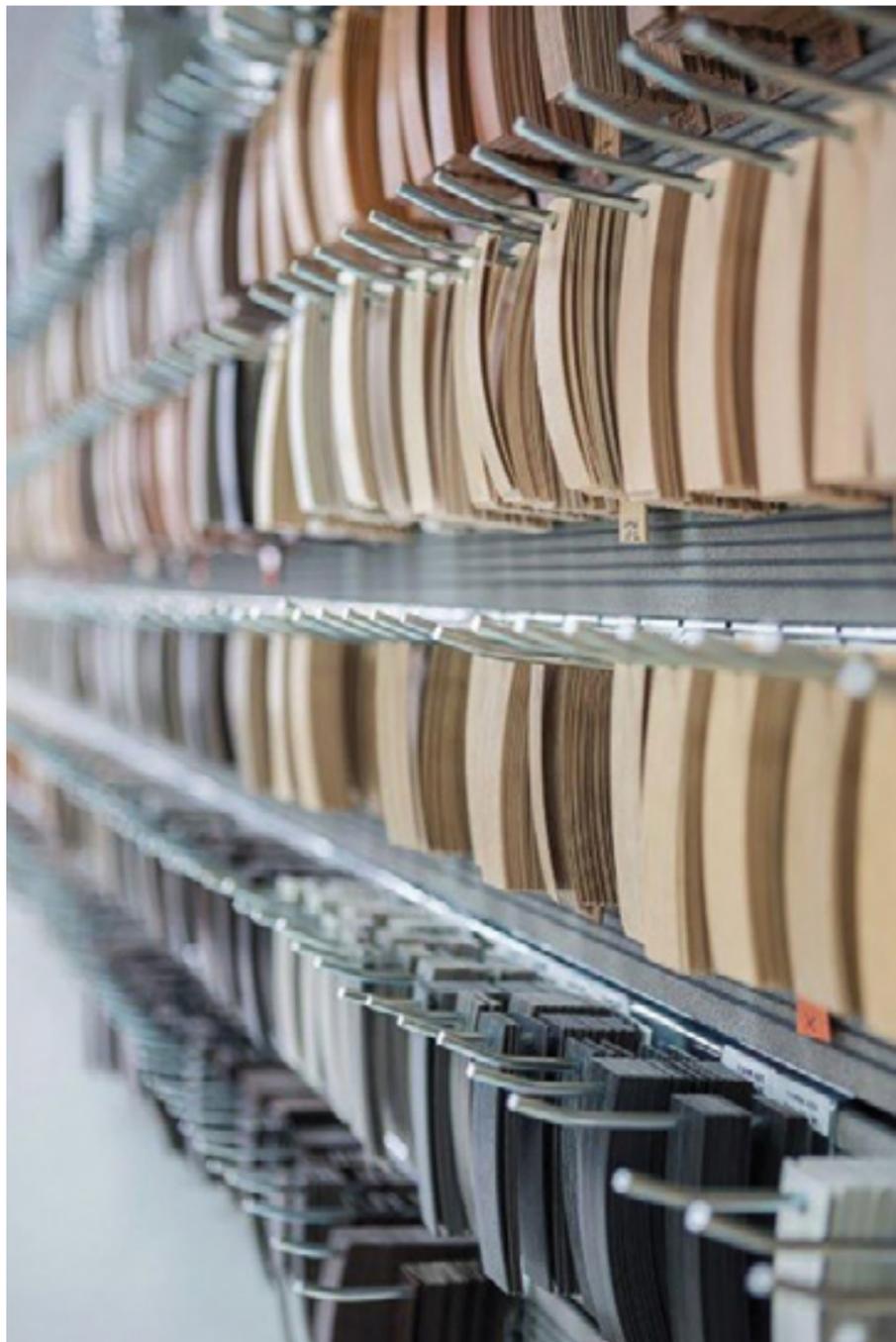
So whether the requirement is just for edge-band, or complete components, designers and manufacturers can find it all in one place. Rehau can offer all this and more from an extensive product portfolio.

Visitors to Interzum are invited to the

company's stand to check out the latest trends and additions to its product ranges, including new edge-band collections, new surface colours and a brand new roller shutter system.

There is also the opportunity to take a sneak peek into the apartment of the future in an exclusive area on the stand. Here Rehau will be showing new developments in digital printing and design development of edge-band, surface material and a joint venture in the world of solid surface materials with a new partner.

Want to find out more?  
Visit [www.rehau.co.uk/furniture](http://www.rehau.co.uk/furniture)



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