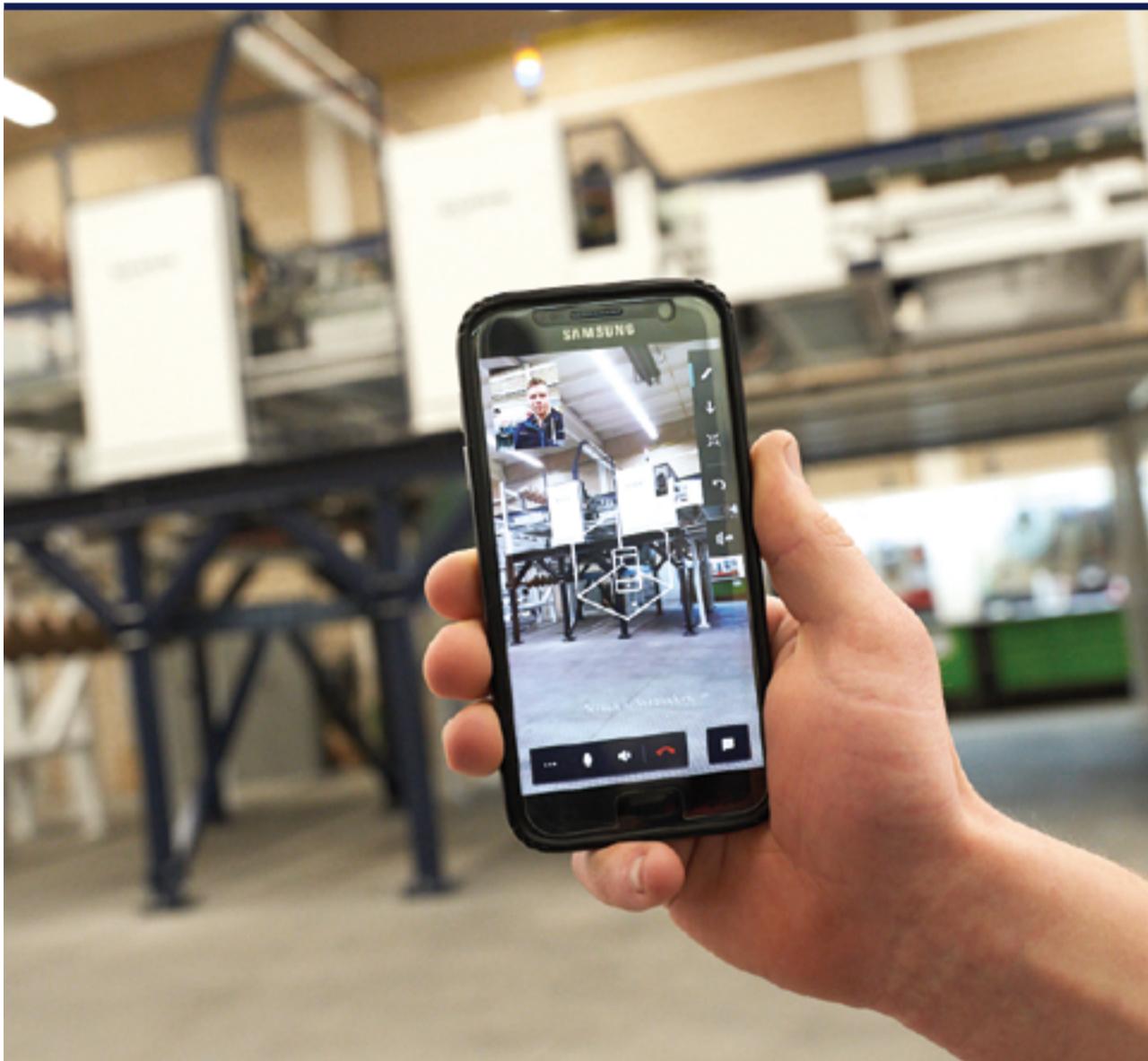


# KUPER

SECOND  
ISSUE

PEOPLE AND STORIES



## DEAR CUSTOMERS AND BUSINESS PARTNERS,

The current issue of KUPER - People and Stories is all about you, our customers.

Every customer has their own special characteristics, ideas and expectations and knows their business. Our aim is to support you as our customer in making your business more profitable in the long term.

KUPER does not sell machines, KUPER offers solutions. For us, this is not just an empty phrase, but our outlook. We listen, develop a suitable concept, accompany the implementation and do not leave you alone after the installation. Even in current times, whether in person or digitally. We develop innovations in cooperation with our customers, such as the mixing station for our customer Bjelin, which is based on a patented development by KUPER and Decospan. Our common goal is to increase your productivity, deepen your value creation or expand your business.

We would like to invite you to join us on a short customer journey. On behalf of all of you, we would like to introduce you to some KUPER customers whom we have been able to support successfully on their individual paths.

Sincerely

**GERD MEURER** / CEO  
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## KUPER 4.0

**Especially the dedicated, loyal commitment** of our employees allows us to „keep on the ball“ for our customers even in the difficult times of the current COVID-19 pandemic. In this way, we have been able to remain true to our strategy in recent months and further optimise our „Mechanical Engineering“, „Trading“ and „Service“ divisions and sustainably increase the productivity of our goods and services.

We tackle every task with passion and energy and are happy to develop new and individual solution concepts together with you. Kuper is your international one-stop shop for standard machines, large projects and individual special machine construction. We combine innovation and tradition and are at your disposal as a reliable partner.

KUPER gives impulses. We are continuing to vigorously drive forward the topics of Industry 4.0 and digitalization. We are concentrating increasingly on our online service products, from the expansion of our online shop to training courses and online maintenance and repairs. Especially in today's world, digital services are becoming increasingly important. We are fully committed to making our service even more accessible to our customers, creating an optimized service for spare parts and repair and thereby optimizing your productivity by minimizing machine downtime

# Our customers - individual, professional, international, successful!



## BEECHWOOD HAS A NAME - POLLMEIER

When you talk about beechwood, there is always a name: Pollmeier, the global market leader for European hardwood lumber, operates the three most modern and efficient hardwood sawmills in Europe at its sites in Creuzburg (Thuringia), Malchow (Mecklenburg-Western Pomerania) and Aschaffenburg (Bavaria). The headquarters and the veneer lumber plant, the only one in the world for hardwood processing, are also located at the Creuzburg site.

In order to further improve the efficiency of the production of Pollmeier BauBuche as well as Pollmeier Spruce LVL (Laminated Veneer Lumber), Pollmeier has opted for the new KUPER CVX Line in the „Heavy Duty“ version. „For seven years now, we have been searching the world for a composer line that meets the special properties of our 3 mm thick beech veneer. The fact that the CVX technology from my hometown of Rietberg finally convinced us is truly remarkable,“ says Ralf Pollmeier. The plant was installed in Creuzburg at the end of 2020. Further projects are currently being planned.

### KUPER CVX HEAVY DUTY 2800

#### Working Width

2,800 mm

#### Feed rate

15 - 55 m/min (infinitely variable)

#### Veneer thicknesses, veneer types

approx. 1.0-4.0 mm (adjustable), beech, spruce

#### Space requirement

approx. 15,000 x 8,500 x 5,100 mm



## KUIPER HOLLAND – KEEP ON ROCKIN'

Kuiper Holland has more than 60 years of experience in the production of high-quality veneered panels, sandwich panels and hard plastic sheet materials.

More than half a century of continuous quality improvement of products and processes have put Kuiper at the top of its field in Holland, with an excellent reputation among interior designers and yacht builders. „With us, every job is rock'n roll, no two jobs are the same,“ explains Managing Director Hans Golbach. „Our strengths are our speed and our flexibility to adapt to the very special requirements of our demanding customers. In addition to the high level of commitment and the many years of experience of our teams, we rely on KUPER's reliable veneer processing technology“.

### KUPER ACR 3200

#### Working Width

3,200 mm

#### Feed rate

approx. 30 m/min (infinitely variable)

#### Veneer thicknesses, veneer types

approx. 0.3-2.5 mm (adjustable), oak, walnut, maple, chestnut, exotic veneers such as red gum, rosewood, zebrano, eucalyptus and amara

#### Space requirement

approx. 9,600 x 5,920 mm



## CHAPEAU KUPER!

Founded in 1928 in Loulay in Charente-Maritime, MALVAUX began producing plywood in 1953 and is now considered France's leading manufacturer of special wood panels and technical plywood. Many years of experience and the strategic development of its product portfolio through the acquisition of companies specialising in its field (Sylvaco, Naviline, St Bois, Malvaux Interior and Barbeau) are the cornerstones of its success. The MALVAUX Group specialises in high-quality interior design. The products and services of the individual companies serve the construction, trade, industry, railway, nautical and marine markets, as well as the upscale and luxury hotel furnishings.

In August 2020, KUPER installed the second CVX line for plywood production. Malvaux production manager Thomas Morin: „We are thrilled with the quality and performance of the KUPER CVX line. The different areas of application for our products have the effect that we use several types of wood with very different properties for the plywood core layers. Achieving a consistently good quality is a real challenge. Chapeau KUPER!“

### KUPER CVX 1650

#### Working Width

1,650 mm

#### Feed rate

15 - 55 m/min (infinitely variable)

#### Veneer thicknesses, veneer types

approx. 1.0-4.0 mm (adjustable), here between 1.5-2.6 mm, okoumé, fromager, birch, poplar

#### Space requirement

approx. 13,800 x 4,500 x 3,800 mm

## „OAK IS OUR PASSION!“

says Peter Wingårdh, Director Wood Technology at Pervanovo Invest AB, the parent company of Bjelin, a renowned flooring manufacturer from Croatia. The oaks come from the Spačva forest in the immediate vicinity of the plant. In our veneer production plant in Bjelin Otok, Eastern Croatia, they are first processed into veneer. In the further production course, hard-wearing floors with a real wood top layer are created using a patented process.

In 2018, Pervanovo/Bjelin decided to move to a state-of-the-art manufacturing facility for its own veneer decks. For the production of an automatic veneer assembly line, the company relied on KUPER. The heart of this veneer splicing line is an oversized mixing station. You can think of this component of the KUPER machine as an oversized deck of cards.

The plant mixes the veneers on an industrial scale fully automatically according to the random principle. This gives the finished customer product - floor panels with a top layer of high-quality oak veneer - a „chaotically“ composed, lively appearance. A regular, too sterile appearance of veneers from a tree trunk is thus avoided

In order to successfully master this technological challenge, KUPER cooperated closely with Bjelin from the very beginning. One of the main technical requirements for solving this task was to pick up the veneers as faultlessly as possible. Veneers are natural products and when processed as rustic flooring they contain knots, cracks and holes. This feature is even expressly desired. Conventional vacuum suction systems reach their limits here.

This example for Bjelin underlines once more the innovative strength of our company, as well as our claim to design individual customer solutions. Peter Wingårdh adds: „KUPER works very professionally, never lets up even with complex problems and has time and again convinced us with intelligent pragmatic detail solutions.“

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## FLOOR COVERING VENEER LINE

### PROJECT PROFILE

#### Commissioning

January 2020

#### Material

European oak

#### Dimensions (raw veneer)

Length 1600 - 2500 mm

Width: 230 - 330 mm

#### Thickness

0,6 mm

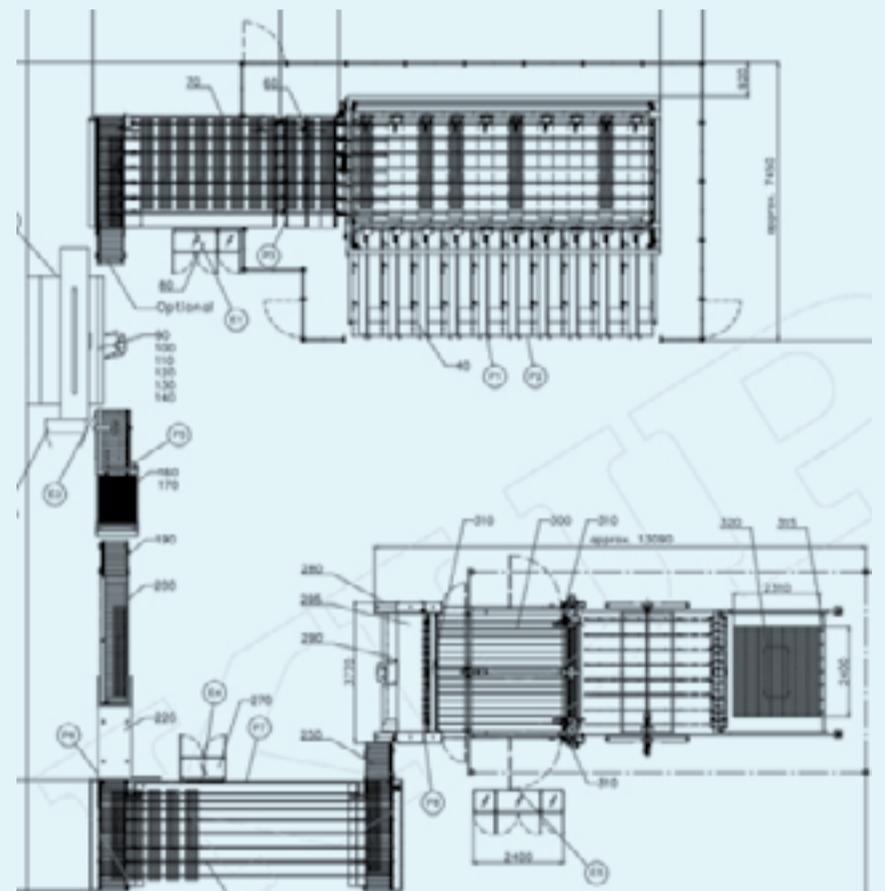
#### Dimensions (finished decks)

Length max. 2600 mm

Width: 1600 - 2500 mm

#### Output

>2.0 million m<sup>2</sup> per year



### ABOUT BJELIN

Bjelin designs, develops, and manufactures a wide product portfolio consisting of both traditional wooden floors and innovative floors made of new materials. The development is carried out in cooperation with the sister company Välinge Innovation AB in Sweden, which is mainly known as the inventor of the click floor. Production takes place in our own ultra-modern factories in Sweden and Croatia.



## INSPECTIONS AT SPECIAL OFFER PRICES!

We inspect and service your Biesse, Brandt, Hebrock and HolzHer edge banding machine.

Take the opportunity!

Edge banding machines without motor adjustment	<b>550,00€*</b>
Edge banding machines with motor adjustment	<b>700,00€*</b>
Glue pool maintenance at the KUPER plant	<b>600,00€*</b>

\* plus VAT and incl. travel expenses within Germany,  
plus spare parts at cost



## NEW KUPER CVX HEAVY DUTY LINE

**The name says it all! The new KUPER CVX Line Heavy Duty is our heavyweight champion. Designed to be robust, stable and powerful, it is suitable for machining materials that are particularly difficult to process.**

What would normally be scrap rotary cut veneer becomes usable LVL and plywood decking again after efficient machining. KUPER designer Bernhard Winkel: „The special feature of the system is that it can be adjusted to a wide variety of wood types and even processes hard and brittle wood types, such as beech, absolute reliably.“ To begin with, the veneer clipper reliably removes defects such as knotholes or cracks. The recyclable material, now cut parallel, is then transported to the KUPER CVX composing station. In the final step, the strips are compounded with the KUPER glue threads, cut to the finished format and deposited precisely. A special unique selling proposition is the outstanding bond line quality. Due to the special glue thread technology, the KUPER CVX HEAVY DUTY Line achieves an absolutely sturdy joint without additional glue points, offering great advantages in handling and further processes. Operated by just one person, the new KUPER CVX line achieves maximum material yield thus creating sustainable added value.

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## INNOVATION THROUGH EFFICIENCY: KUPER ACR

**The cross splicer processes large veneer widths by means of a fast infeed with short cycle times. Even wavy and brittle material is no problem for the all-rounder.**

Infeed conveyor belts pick up the pre-glued veneers, align, measure and transport them to the assembly zone. For particularly fast processing, the integrated first-sheet feeder switches on automatically when the strip width is extremely narrow.

This has now been even further improved and guarantees safe transport of a wide variety of veneer strips at significantly increased speed. Added to this is the option of a second stop row in the system's infeed table.

The larger contact surface increases process reliability, ensures less machine downtime and less waste, especially with large veneer widths over 200 mm. The spectrum of veneer strips that can be processed ranges from widths of 50 mm to 700 mm. A further innovation is the new incremental cross-cut encoder including new adapted programming.

The advantages are enormous, no more reversing is necessary, there is no formation of welts with large veneer decks, the process reliability is optimized and the cut size is even more precise. Depending on the application, up to 28 joints per minute are possible with PVAC

glue, a 20% increase in performance. All in all, the innovations of the KUPER ACR enable higher productivity, lower material consumption and a higher veneer yield.

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## NEW DOUBLE KNIFE VENEER GUILLOTINE PROGRAM – ORIGINAL KUPER

**We now offer the latest version of our double knife veneer guillotine, which we now produce in our own factory in Rietberg. This means that you, as our customers, can rely on further improved quality, numerous special features, absolute delivery reliability and the well-known reliable KUPER service.** Our newly developed range includes the KUPER QFS 850 cross-cutting shear, the EFS single-knife veneer bundle shear for veneer lengths from 2800 mm to 4200 mm and the ZFS double-knife double knife veneer guillotine for veneer lengths from 2800 mm and 470 mm wide to veneer lengths of 3800 mm and 700 mm wide, each freely configurable in length and width. The new KUPER range is rounded off by the proven options. KUPER's own control system is now fully compatible with KUPER KLM and offers extensive possibilities for production data acquisition and process monitoring. **Available for order now!**

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## YOUR OPINION

The second issue of „KUPER - Menschen und Geschichten (People and Stories)“. We're curious: How do you like it? What would you like to read next time?

Write to us at: [info@kuper.de](mailto:info@kuper.de)