

Lamello

# NEWS

07

MARCH 2021

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## Lamello to focus on system solutions for wood joining

The Swiss family-run business Lamello AG, based in Bubendorf, is taking a new business direction. In future, the company will focus on system solutions for wood joining and streamline its portfolio.

The Swiss independent family-run business Lamello AG, based in Bubendorf, develops, produces and markets joining system solutions for wood processing companies. On the occasion of its 50th

anniversary in 2019, the business decided to develop its corporate strategy in order to adapt to changing market conditions and streamline its existing portfolio.

As of 31 December 2020, the production and marketing of Minispot patches, Knot patches, Minispot grooving machine G2A, glue application systems LK3/LK5/LK10, grooving machine Variocut, laminate trimmer Profila product lines will be dis-

continued. The availability of spare parts is guaranteed for at least five years.

With its new orientation, Lamello AG is concentrating on the needs of cabinet makers and wood processors. Developing unique products, offering added value and improving productivity remain important elements of the company. Promising new features for the future are in development.

„Lamello’s system solutions are synonymous with quality, innovation and excellent functionality, and are used across the globe where they have proven their worth millions of times over!“

Susanne Affolter, Managing Director and Owner at Lamello AG



## Joining technology with 3 systems

### P-System

The P-System from Lamello is an innovative and award-winning joining method. Clamex, Tenso and Divario connecting fittings make an entirely new level of flexibility, speed and simplicity possible throughout the design, manufacturing, transport and installation process. The connector’s installation and anchorage system is based on the P-System profile groove. The P-System groove for the connector can be cut either using modern CNC technology or very simply by hand using the Zeta P2 power tool from Lamello.

### Lamello-System

The Lamello-System is an exceptionally efficient, simple and precise joining system for various materials. It is based on a 4 mm groove and offers an enormous variety of joining solutions. The original wooden biscuit has been supplemented by the self-clamping element, the clamping element and transparent plastic element for solid surface materials. The same applies to the Simplex and Clamex S18 re-releasable connectors. These can be easily assembled and disassembled. All connectors can be milled with the Classic X, Top 21 and Zeta P2 machines.

### Drilling Systems

The **Cabineo** is a one-piece cabinet unit fitting and is installed into a drilled or routed shape. No edge drilling is necessary - the machining happens solely in the surface. Due to this, Cabineo can be used with all kinds of CNC machines, including very simple 3-axis and nesting machines.

**Invis Mx** is the unique connection that satisfies the highest demands for aesthetics, stability and productivity. With no visible openings, Invis Mx can be quickly detached and reconnected at any time via its magnet drive.



P-System

Lamello-System

Drilling Systems

Adolf Kuhlmann furnishing workshops, Schwerin, Germany

# "Production without Clamex connectors is currently not an option"

The Adolf Kuhlmann GmbH & Co. KG furnishing workshops have been among the largest manufacturers of property furnishings in Germany for many years. The longstanding family-owned company places great emphasis on innovation. High-quality and exclusive furniture is produced for private and business customers using state-of-the-art machines. Since 2018, the furnishing professionals have also been placing their trust in the innovative P-System with Clamex fittings.



Clamex P-14 CNC Detachable furniture connector with precise alignment

Based in Schwerin, Germany, the company has been active on the market for over a hundred years and today employs 22 people. It can look back on a very extensive and sometimes very eventful past: "Even without the coronavirus, there have been challenging times in previous years," explains Managing

Director Andreas Kuhlmann. Andreas has been a passionate carpenter and with the company since his apprenticeship.

Right at the beginning of the conversation, he tells us that Lamello fittings have had a firm place in the furniture

workshops for years. "They are an asset to our work because they expand our possibilities."

Kuhlmann underlines his statement with a clear example: For a major interior furnishing order from the hotel industry, the company closely



examined all mitre connectors available on the market – including the well-known Clamex connectors. "We knew that we would mitre thousands of parts, and the Clamex is simply the best connector on the market for this. Stability, time savings in production, quality and easy installation justify the slightly higher price," Kuhlmann explains. Thanks to its invisible anchoring, any cabinet body connected with Clamex simply looks better and higher-quality. "This is clearly in line with our philosophy. We want to deliver every job in perfect quality and within the desired time frame."

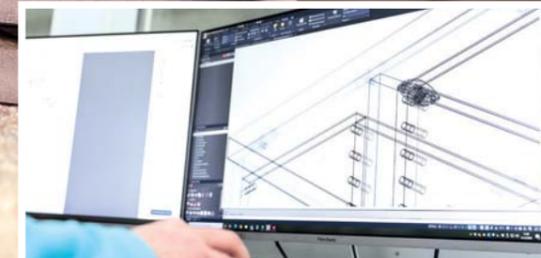
The northern German company strives for efficiency in production. It invests a great deal in innovation and digital production. More than 20,000 Clamex connectors are milled every year using modern machinery, with five machining centres from HOLZ-HER – from nesting to the simultaneous 5-axis CNC. For this purpose, the machining centres have been equipped with the company's own macro. The newly acquired Nexteq 7735 should also include the P-System component.

"Production without Clamex connectors is currently not an option," the Managing Director says with a smile. The CAD/CAM program from IMOS is transferred to the Schwerin furnishing workshops via NC-HOPS software. During the interview, we also learned

that the Clamex P-14 CNC connector, which was released in January 2020, has become the new standard connector: "We were convinced by its precision of fit, thanks to its more exact alignment," says Kuhlmann.

The other P-System connectors are also used at the carpentry company. An example is the new Clamex P-14 Flexus. Thanks to its flexible positioning pins, there is no risk of rigid protruding elements with this product. This innovation makes it possible to retrofit workpieces into existing elements. "If the assembly sequence changes at short notice, we make use of this connector," notes Andreas Kuhlmann, adding: "It's a great fitting."

*"Lamello is an asset to us because it allows us to expand our possibilities."*



# Networked production

Design and production software, aggregates, cutting tools and CNC machining

Experience networked production live!



## Partner overview

### CAD / ERP / CAM software



### Aggregates, CNC tools / CNC machines



# Partner update

## Homag cabinetCreator:

"The furniture configurator for easy furniture planning and design"

The creator includes the following functions: 3D CAD with 2D display, interface to WoodWOP. Drawings, parts lists and CNC programs can be generated and exported directly to applications. The web-based application can be used on any device with an Internet browser in the office, on the machine or on the move.

Fitting data can be imported from the **Lamello P-System connectors** and **Cabineo**, for example, and inserted directly into the furniture via the **ifurn** Cloud service. Design rules saved by the user can also be used for future models.



**New Lamello software partner**

- 3D CAD/2D display
- Furniture configurator
- CAM system

## HOLZ-HER:

"Smart factory solution for nesting"

HOLZ-HER offers efficient solutions for networked production, from planning to production, with various software tools.

The **CabinetSelect** software tool contains 400 ready-to-produce cabinet units that can be adapted directly at the machine. When it comes to connection methods, for example, **Clamex P-14** or **Cabineo** can be selected and the required machining can be generated automatically. These options can be expanded with **CabinetControl Pro**. Parts and material lists can be created from data from the planning tools and all CNC machining programs can be transferred directly to the production machines.



**Lamello CNC partner**

- Cabinet unit generator
- CAM system

## SmartWOP

"Clever, simple and fast"

SmartWOP includes the following functions: 3D CAD, cabinet unit generator and interface to ERP and WOP.

The **P-System connectors**, the 4 mm wooden biscuits and the **Lamello Cabineo** are stored in the fittings and machining library and are automatically positioned to the depth and thickness of the connection. The basic module contains the construction of straight versions, the export of material and parts lists, collision detection, and label and workpiece printing options as well as the export of 3D models. With the help of the CNC connection, the constructions can be exported for CNC machining as finished CNC programs.



**New Lamello software partner**

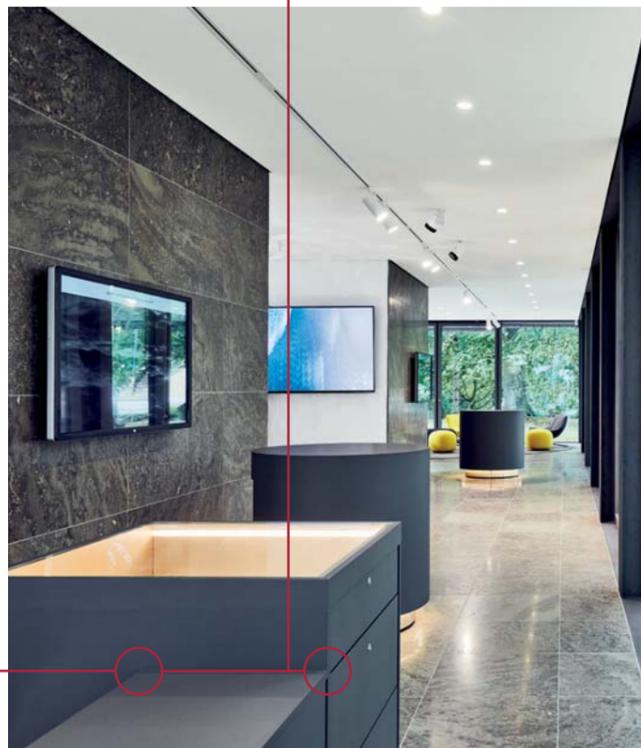
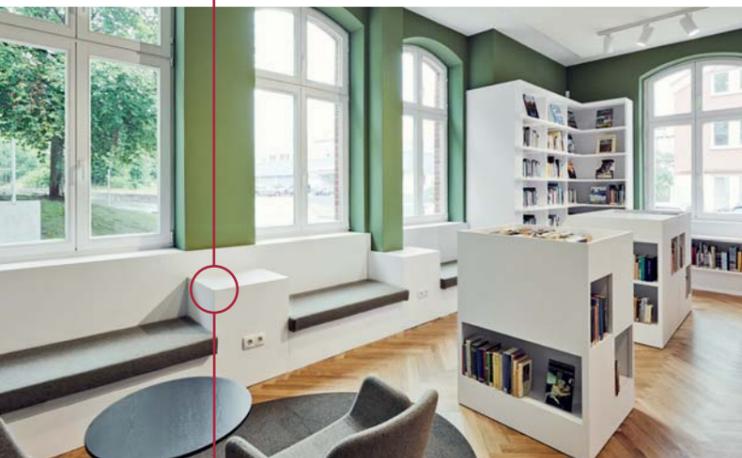
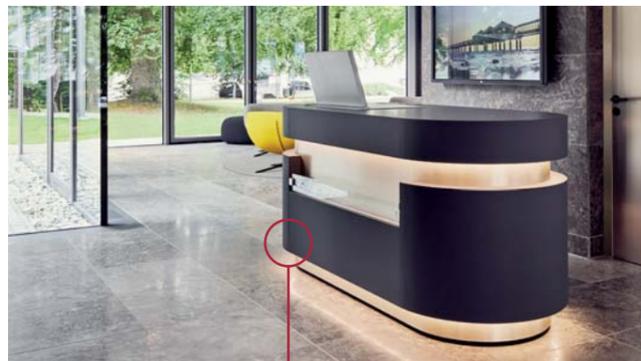
- 3D CAD
- Cabinet unit configurator
- Interface to ERP and WOP

Get more ideas  
and pictures  
online here



# Inspiration

Be inspired by our diverse connection solutions and the opportunities they offer! Visit our website to discover more uses. You can find further applications for our products, from furniture-making and shop fitting to interior fitting, kitchens and much more on our website [www.lamello.com/inspiration/application-inspiration](http://www.lamello.com/inspiration/application-inspiration)



Clamex P-14 Flexus



Clamex P-14 CNC

# #mylamelloproject

Here are the winners of our #mylamelloproject competition



## 1. Stopnice Jezeršek

Winning project by Stopnice Jezeršek, Slovenia

The interior has been designed as a large honeycomb for a souvenir and honey shop. The dome shape of the interior was a particular challenge for this special project. Each and every Hexagon is custom-made to fit perfectly into the space. The individual elements were joined with the P-System Tenso P-14 connector.



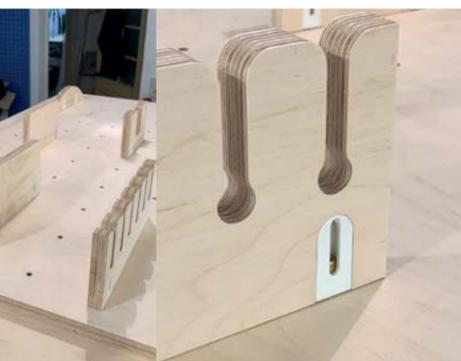
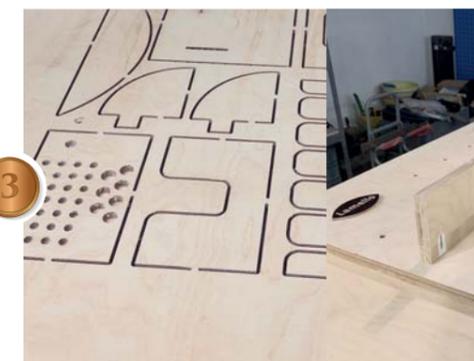
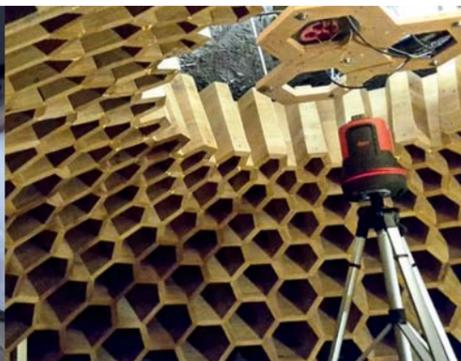
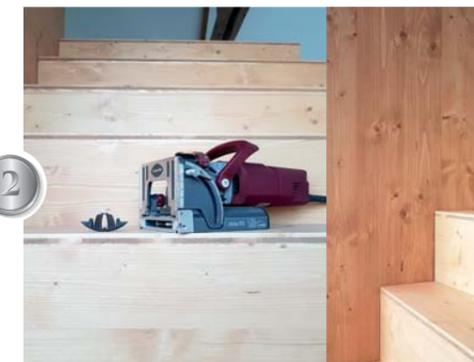
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2

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## 2. Atelier Palam

Second place goes to the Parisian carpenters of Atelier Palam. A minimalistic, modern staircase with a platform made of spruce three-ply panels. The various elements of the stairway (steps, risers and cladding) are joined with the Tenso P-14. The P-System gluing aid was the most efficient and fastest way to overcome the technical challenges of this project. Tenso P-14 enables large workpieces to be glued directly on-site without the use of clamps.



# Benefit now from our offers and promotions

£1-429.00  
£1 **378.00**



## Clamex P-14 promotion

Scope of delivery:	Part no.	£ <sup>1</sup>
1 piece 145346 Clamex P-14, Clamex P-14, box with 300 pairs	145901	378.00
1 piece 132140 P-System groove cutter, DP (diamond) for Zeta		

£1-658.00  
£1 **558.00**

## Clamex P-14 / Tenso P-14 promotion

Scope of delivery:	Part no.	£ <sup>1</sup>
1 piece 145346 Clamex P-14, Clamex P-14, box with 300 pairs	145902	558.00
1 piece 132140 P-System groove cutter, DP (diamond) for Zeta		
1 piece 145425S Tenso P-14 Starterkit, box with 300 pair		
1 piece 251993 Clamex P Installation tool, for all angles		

£1 **260.00**

## Tenso P-14 / Tenso P-10 promotion

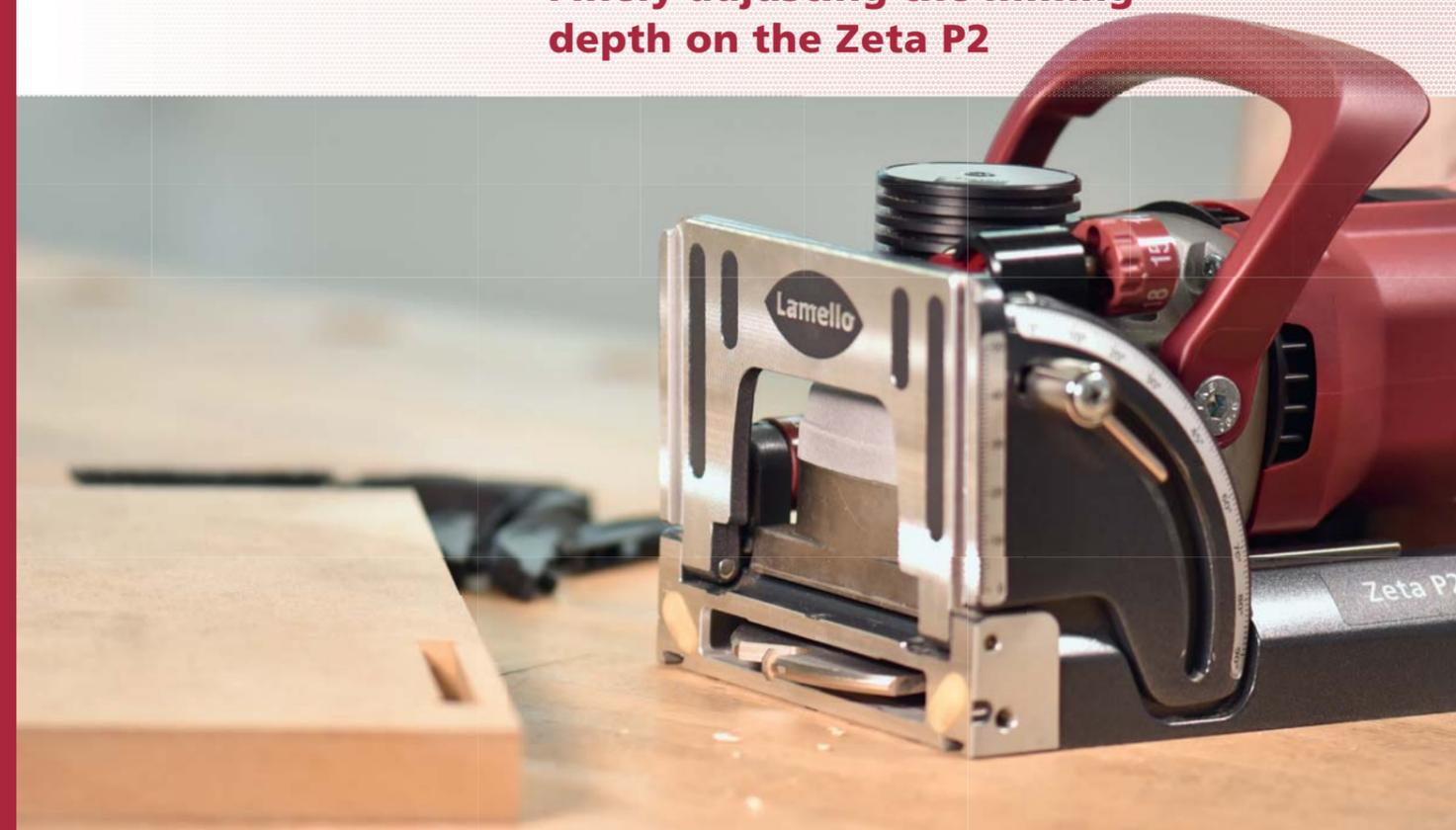
Scope of delivery:	Part no.	£ <sup>1</sup>
1 piece 145425S Tenso P-14 Starterkit, box with 300 pair	145903	260.00
1 piece 145418 Tenso P-10, box with 80 pair		
1 piece 175551 Minicol Glue applicator		

Minicol for free



## Tips tricks

Finely adjusting the milling depth on the Zeta P2



Do you have the feeling that your P-System connectors aren't working like they normally do? Check the milling depth and readjust the Zeta P2 if necessary. This should get your machine working as normal again in no time.

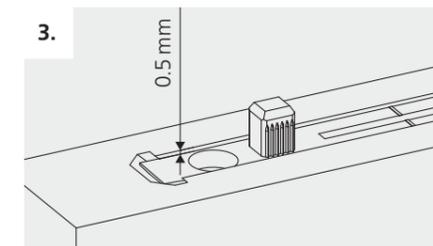
### How it works:



1. Mill the P-System groove with the P-14 setting



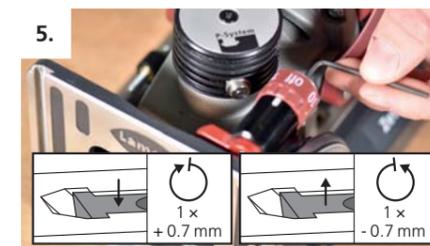
2. Insert the P-14 connector halves and measure the recess



3. Optimal connector recess = 0.5 mm



4. To adjust, pull the P-System depth setting and switch to «Off»



5. Turn the adjusting screw in the P-System depth setting in the desired direction. A full rotation amounts to 0.7 mm



6. Carry out another test cut and measure again

<sup>1</sup> Recommended list price. These offers only apply to the United Kingdom and Ireland. Subject to price changes and printing errors. All prices in £ excl. VAT. Offers valid until 11.06.2021. **While stocks last.**

# Free demo

## Zeta P2

*Our Lamello application specialists are here to help*



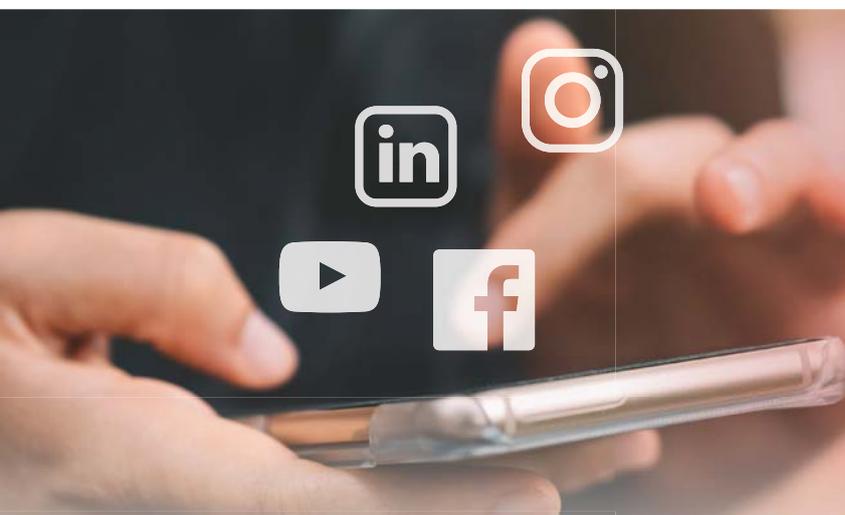
**Shaye Chatfield**

Tel. +44 (0) 789 1025 646  
s.chatfield@lamello.com



**Michael Buck**

Tel. +44 (0) 797 7499 293  
m.buck@lamello.com



*The **competition** is entering a new round!  
Show us your **#mylamelloproject** and, with  
a little luck, win a **connector package of  
your choice!***

*Competition conditions are available at  
[www.lamello.co.uk/mylamelloproject](http://www.lamello.co.uk/mylamelloproject)  
and on all official Lamello channels.*

# #mylamelloproject

*Show us your creativity!*



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**Lamello AG | Joining technology**  
Hauptstrasse 149 | 4416 Bubendorf, Switzerland  
Phone +41 61 935 36 36 | Fax +41 61 935 36 06  
info@lamello.com | www.lamello.co.uk

**Shaye Chatfield** | Area Manager UK, Ireland  
Mobile +44 (0) 789 1025 646 | s.chatfield@lamello.com