

# OVERVIEW LIFTING AND TRANSPORT SOLUTIONS



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# INDEX

1	EUROTEC BIM-PORTAL .....	4
2	EUROTEC ECS SOFTWARE .....	6
3	LIFTING AND TRANSPORT ANCHORS .....	10

## LIFTING AND TRANSPORT SOLUTIONS MADE EASY!

Do you have questions relating to Eurotec lifting and transport solutions? Contact our **specialists** now!

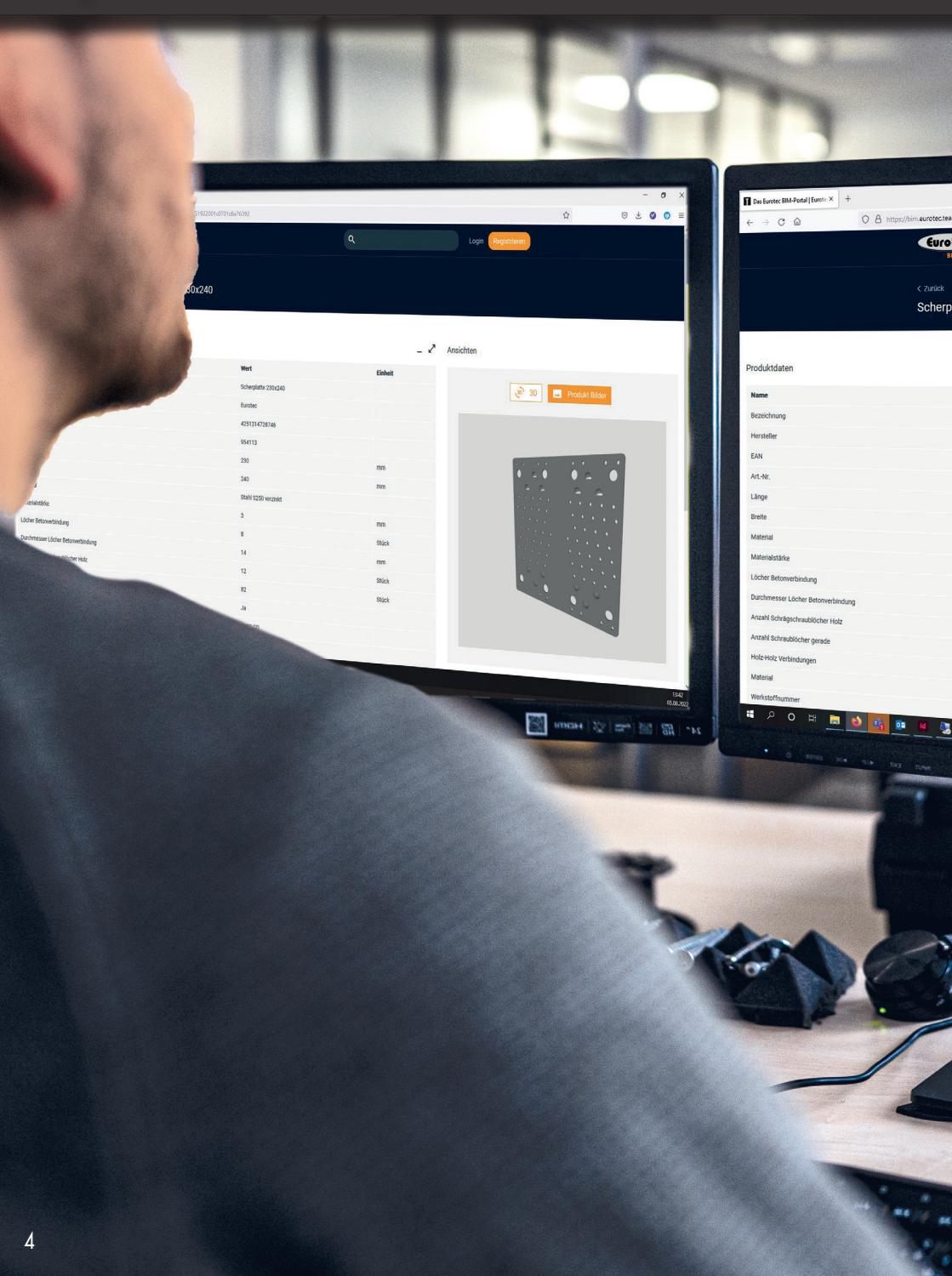
**WE WILL GLADLY ADVISE YOU!**



TECHNOLOGY TEAM  
Tel. +49 2331 62 45-444  
technik@eurotec.team



# 1 EUROTEC BIM-PORTAL



## OUR EUROTEC BIM-PORTAL ALL DATA AT ONE SIGHT

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### THE EUROTEC BIM PORTAL FOR YOUR CONSTRUCTION PLANNING!

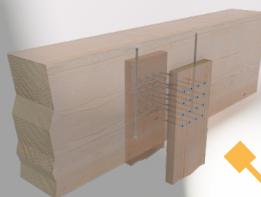
Building information modelling (BIM) has become an indispensable part of modern planning. On our user-friendly platform, you will find product specifications as **BIM-enabled data** for use in your construction project. Some versatile file formats include 3D/CAD objects, DWG and PDF files, along with notes about our ETA certifications.

# 2 EUROTEC ECS SOFTWARE

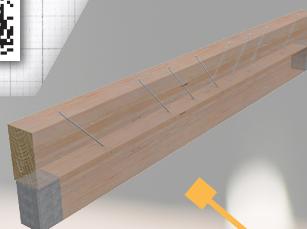
## NEW MODULES IN OUR ECS SOFTWARE

Our ECS design software has been further developed in the course of a comprehensive revision and expansion. In particular, the focus was on the integration of modules for structural engineered wood constructions. The aim is to provide the user with effective tools to design standardized connections quickly and verifiably.

To learn more about ECS software, just scan the QR code.



LATERAL  
BUTT STRAP JOINT



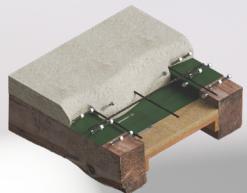
JOIST DOUBLING



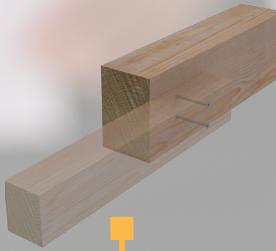
SUPPORT REINFORCEMENT



CROSS CONNECTION



**TIMBER-CONCRETE  
CONNECTING**



**PARALLEL  
CONNECTION**



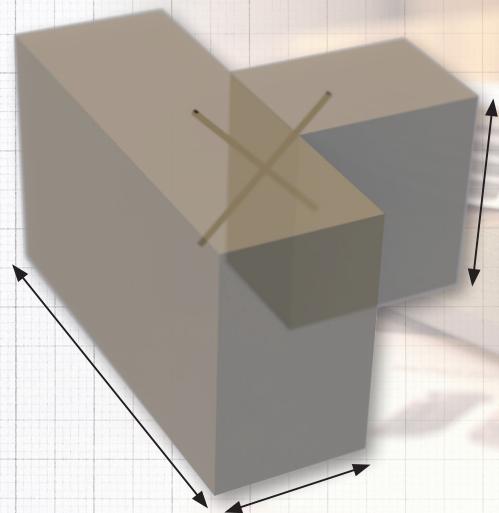
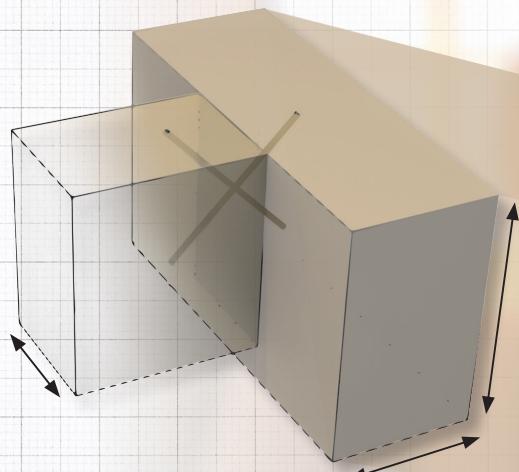
**MAIN-SECONDARY  
BEAM CONNECTION**

# 2 EUROTEC ECS SOFTWARE

## LEARN MORE ABOUT OUR ECS SOFTWARE

The ECS software is a free, user-friendly software for the pre-dimensioning of Eurotec wood construction screws. The modules include main and secondary beam connections, transverse tension and transverse pressure reinforcements, rafter-purlin connections, fastenings for roofing and façade insulation systems and many other applications.

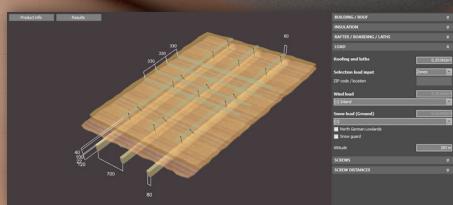
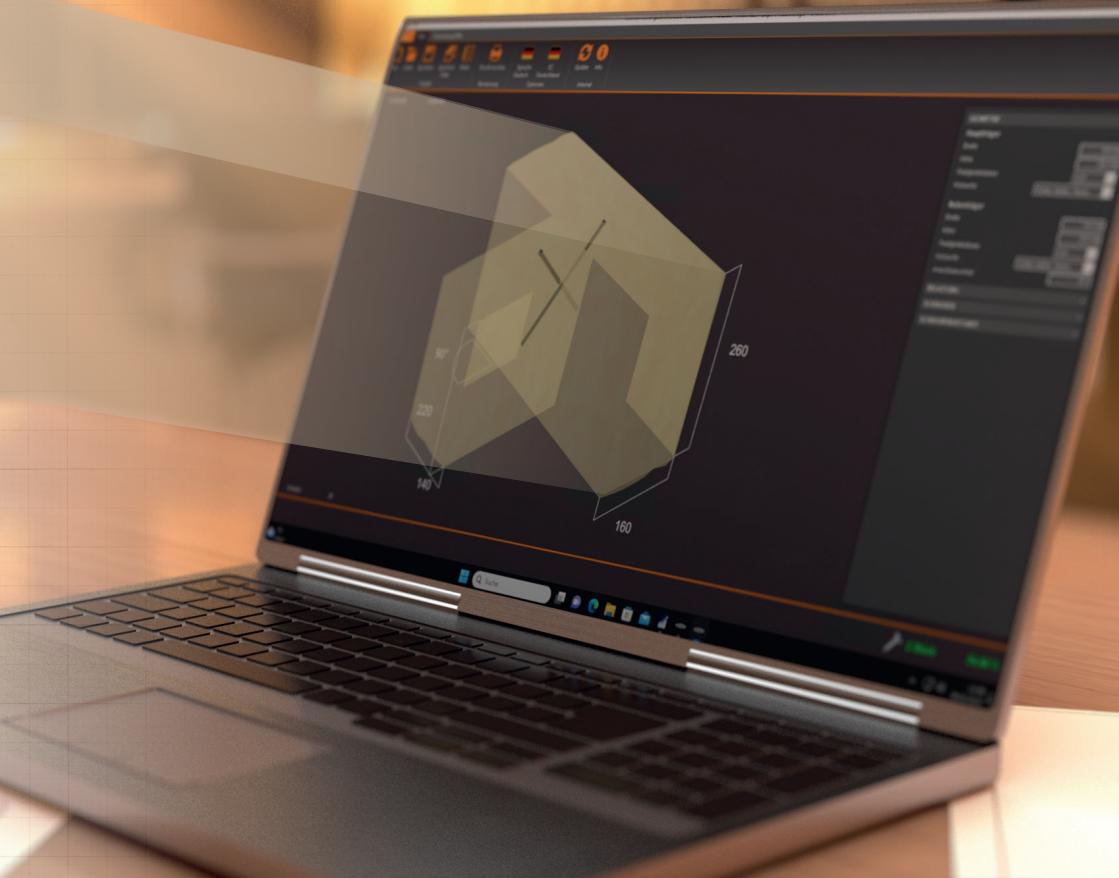
- The program gives you the option to fully customize your individual connection application by modifying parameters such as the geometry, material type (e.g. beech laminated veneer timber and solid timber in different strength classes), load sizes (variable and permanent loads), the load class and more to suit your needs.
- What's more, it makes it possible to optimize the fastening solution by adjusting the screw diameter and screw length as well as checking the strength utilization factor, which is shown in the lower right corner of the screen.
- Once you have selected the connection solution, a calculation report in accordance with ETA-11/0024 and EN 1995 (Eurocode 5) is available to you, including the corresponding drawings in PDF format.



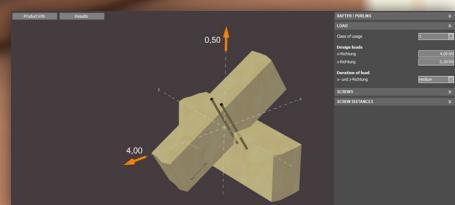
SCAN NOW



DISCOVER THE  
ECS SOFTWARE!



## *Module for the fastening of insulation materials on rafters using Topduo*



Module for rafter-purlin connections using Paneltwistec and KonstruX

# 3 LIFTING AND TRANSPORT ANCHORS

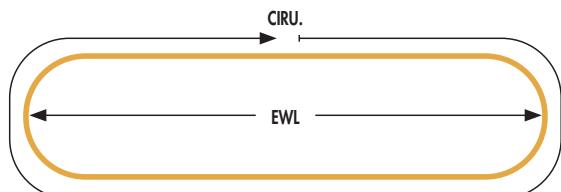


## SINGLE-USE LIFTING STRAP



The single-use lifting strap is ideal for transporting goods from the production facility to the consumer. In accordance with DIN 60005, single-use lifting straps can only be used once and must be destroyed and disposed of at the end of the transport chain. They can be recognised above all by the orange label with a notice regarding single use. The minimum breaking strength of single-use lifting straps is equal to five times the load-bearing capacity. They are lightweight and highly flexible and therefore provide optimum handling characteristics. They are used both on the shop floor and on construction sites. Following successful transport of the goods, the lifting straps can be detached easily.

The single-use lifting straps are available in the following effective working lengths: **40 cm, 50 cm, 60 cm, 80 cm, 100 cm and 120 cm.**

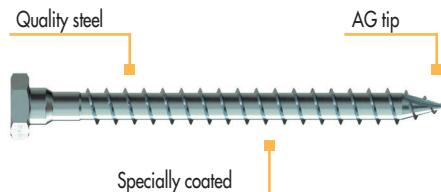




## TRANSPORT ANCHOR SYSTEM

### TRANSPORT ANCHORS AND TRANSPORT ANCHOR SCREWS

The quality-Steel load-handling device is used to safely and easily lift wooden components of all kinds. The transport anchors of the up to 1.3 t load group may only ever be used with the Eurotec transport anchor screws Ø 11 x 125 mm and Ø 11 x 160 mm. The Eurotec transport anchor screws may only be used once. They are to be screwed into solid wood (soft wood), laminated veneer timber, laminated timber, cross-laminated timber, dowellam and squared timber without pre-drilling. Use in hardwood is not permitted. The possible or permissible installation positions can be found in our operating instructions. We will be happy to supply them to you.



FOR  
REPEATED  
USE<sup>a)</sup>



<sup>a)</sup> Transport anchor screws may only be used once.



TAKE A LOOK AT OUR LIFTING AND TRANSPORT  
SOLUTIONS CATALOGUE FOR MORE INFORMATION!

# 3 LIFTING AND TRANSPORT ANCHORS



## PRESS-IN NUT



The M12/M16 press-in nut is a high-quality fastening solution for applications that require a stable internal thread. It is made of Steel or stainless Steel and offers a high load-bearing capacity. The nut can easily be inserted into pre-drilled holes in the timber and, with its galvanised surface, ensures additional corrosion protection, whereby its service life is extended.

## ROPE LOOP



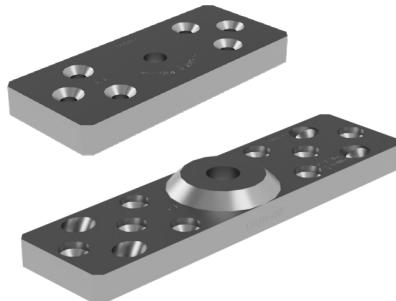
The rope loop for drive-in nuts is a durable fastening element made of high-quality, corrosion-resistant Steel. It is characterised by a high tensile strength and ensures safe load handling even under high loads. Installation is quick and uncomplicated, as it is compatible with many common drive-in nuts. Particularly in the construction industry, the rope loop is ideal for applications where long-term stability and reliable fastenings are required.



## POWERBLOCK TRANSPORT ANCHOR AND SLING SWIVEL



FOR  
REPEATED  
USE



The Powerblock is a powerful lifting device that was specifically designed for handling and transporting CLT panels and glued laminated timber elements. With a load capacity of up to 6.3 tonnes per attachment point, the Powerblock delivers maximum safety and efficiency for a wide range of lifting operations. Thanks to its versatile installation configurations, the Powerblock can be flexibly adjusted to your requirements. It can, for example, be attached to the end faces of CLT walls, the wide surface of CLT panels or the top side of beams. This makes the Powerblock a reliable tool for the safe, cost-effective and fast assembly of wooden structures.

### SUITABLE SCREWS

Screws may only be used once.

### KONSTRUX



### ANGLE-BRACKET SCREW



# 3 LIFTING AND TRANSPORT ANCHORS



## POWERRING TRANSPORT ANCHOR



The Powerring is a powerful lifting device that was specifically designed for handling and transporting CLT panels and glued laminated timber elements. With a load capacity of up to 6.3 tonnes per attachment point, the Powerring offers maximum safety and efficiency for a wide range of lifting operations. Thanks to its versatile installation configurations, the Powerring can be flexibly adjusted to your requirements. It can, for example, be attached to the wide surface of CLT panels or the top side of beams. This makes the Powerring a reliable tool for the safe, cost-effective and fast assembly of wooden structures.



<sup>a)</sup> Screws may only be used once.



## LIFTING ANCHOR HEBEFIX AND BALL SUPPORTING BOLT



The Hebefix has been specially designed for use with a ball supporting bolt. The Hebefix can be used to transport prefabricated wall modules. Thanks to the use of screws, the anchor can be used multiple times. There are 8 screws included in delivery.

The product only works in combination with the intended ball supporting bolt Ø 20 mm, length 50 mm. The specifications of the product data sheet must be fully complied with! Please consult our technology department and download the product data sheet from our [www.eurotec.team/en](http://www.eurotec.team/en) website.

Attention

This product is subject to important conditions!  
Please watch the application video and observe  
the instructions for use.



<sup>a)</sup> Screws may only be used once.



IN OUR CATALOGUE ON THE SUBJECT OF LIFTING AND TRANSPORT SOLUTIONS, YOU WILL ALSO FIND ALL THE INFORMATION YOU NEED REGARDING THE INSTALLATION AND MAXIMUM LOAD-BEARING CAPACITY OF OUR PRODUCTS.

# 3 LIFTING AND TRANSPORT ANCHORS



## LIFTING ANCHOR HEBEFIX MINI AND BALL SUPPORTING BOLT



FOR  
REPEATED  
USE<sup>a)</sup>



<sup>a)</sup> Screws may only be used once.



CLICK HERE FOR OUR  
HEBEFIX LIFTING ANCHOR  
APPLICATION VIDEO



## TRILIFT LIFTING ANCHOR



The Trilift lifting anchor is a transport solution that has been specifically developed for anchoring slim 80 mm CLT elements that can still move heavy loads. The Trilift makes use of the high pull-out resistance of the KonstruX fully threaded screw and is designed in such a way that centre and edge distances are maintained without any problems. An eye bolt (not included in the scope of delivery) can be easily and securely screwed into the M27 internal thread. The set contains both the anchor and all the necessary screws.



# Eurotec®

The specialist for fastening technology



25  
OVER YEARS



DISCOVER OUR  
PRODUCT RANGE

