CLT

Engineer your architectural designs within the versatile possibilities of Cross-Laminated Timber (CLT).

Explore this panel construction: starting from an architectural design, to designing panels, and on to manufacturing.

Key Features

- **Wall library**

  offers you the opportunity to define wall specifications for CLT compositions and openings, or to utilise pre-determined libraries from established CLT producers like KLH, StoraEnso, Mayr-Melnhof, Hasslacher/Norica Timber...

- **Roof and Floor library**

  offers you the opportunity to define roof/floor specifications (plumb, square, horizontal edges)or to utilise pre-determined libraries from established CLT producers like KLH, StoraEnso, Mayr-Melnhof, Hasslacher/ Norica Timber...

- **Detailed definition of CLT style** by lamella – C type and L type

- **Hanger assembly**

  including calculation of gravity point

- **Create routing for electrical or plumbing logistics**

- **Define wall, floor and roof connections,**

  such as rabett and lap joints

- **Create toolings**

  like notching, grain direction for lamellas, or determine lifting points from CLT weight and centre of gravity

- **Use general commands**

  such as: split-, join-, stretch-, - CLT panels.

End Result

The data (or a selection of it) that you develop with hsbcad CLT can be exported to:

- A reporting engine such as Excel, Access, Jasper, PDF, ...
- CNC information (Hundegger, Weinman, ...)
- Shop drawings in a customisable manufacturing format
- Real-time automated dimensioned wall panel layouts – customised by the user – showing live interactive views of the wall with bill of material for factory to manufacture.
- Nesting of CLT Panels into a master panel for optimal production

System Requirements for hsbCAD

Operating System	Recommended: 64-bit Microsoft® Windows 7, 8.1 or 10 (with appropriate service packs) Minimum: 64-bit Microsoft Windows 7
CPU Type	Recommended: Intel® Xeon® E5 or Core i7 or equivalent, 3.5 GHz or greater Minimum: 64-bit Intel® or AMD, 3.0 GHz
Memory	Recommended: 16 GB RAM or more Minimum: 8 GB RAM for smaller drawings
Disk	Recommended: SSD – Solid State Disk 500Gb or greater Minimum: Sufficient hard drive 256GB or greater
Graphics	Recommended: Graphics card recommended by Autodesk. Nvidea Quadro M2000 or greater / AMD FirePro™ W5100 4GB or greater Minimum: 1440x900 True Color video display adapter 128 MB or greater, Direct3D®-capable workstation class graphics card
Other	1440 x 900 or higher screen resolution Recommended: 1920x1080 screen resolution Minimum: 1440x900 screen resolution Internet connection for web downloads, updater and collaboration tools Google Chrome or Firefox internet browser