

## Z-Press CL

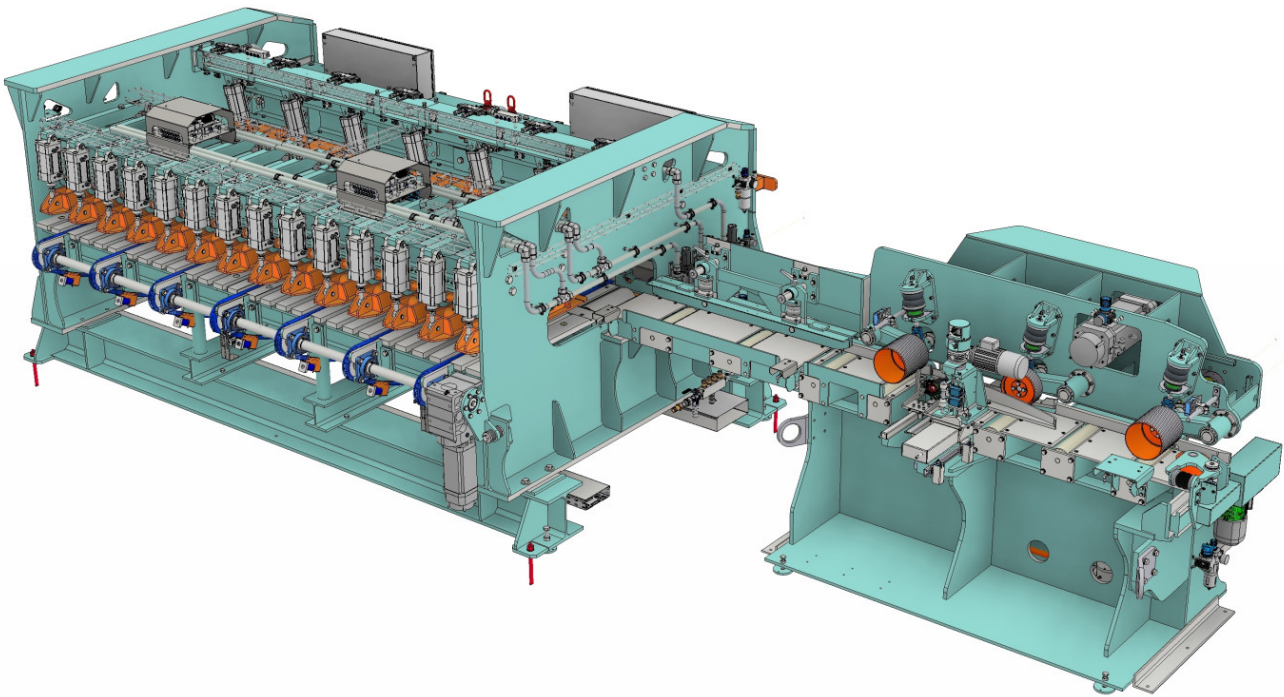
### Edge glue press for CLT cross layers

Edge gluing press with hot-melt for fast assembly bonding of solid wood laminations. Single layer panels for CLT cross layers are pre-assembled from edge glued laminations. Such pre-assembled single layer panels can be used in the advanced and high-capacity production of CLT or other similar products.

### **The game changer in modern CLT production.**

Already at a major CLT project in Germany 2 times in use. Also, at a mayor CLT Production in Austria. Further CLT plants with Z-Press are in the realization phase for Russia, Austria and Canada.

### **Patented!**




## Main advantages by using edge glued panels in CLT production

- **Safe production flow;** single laminations are assembled to complete layers 1 step before the panel assembly
- The effect of **crook, twist and bow** of single laminations is largely decreased
- **Faster adhesives in the surface bond;** as handling preassembled layers the security time span, for open time, can be shorter
- **Cheaper than conventional edge gluing;** lower investment and less space requirements
- **Single layers of the panel can be made air tight;** wind tight CLT with 3 layers
- **Multiple panel pressing** without separation foil possible; No glue runs through the loose layer into the table or the panel below
- **Assembly bonding** with hot-melt; less waste, no glue mixing, long shelf time
- **Hotmelt** amount app. 0,3 – 1,0 kg/m<sup>3</sup>; depending on width and thickness of laminations
- **Lower production costs** per m<sup>3</sup>; more press cycles can be made per shift due to less required open time
- **Less single parts** to be handled; a 16 m cross layer, has using 100 mm wide laminations, 160 single pieces
- **Hotmelt and cold glues** (PU, EPI, PVA...) can be combined; for special applications and surface requirements

### Features of the Z-PRESS:

- Fast assembly bonding with easy to handle hot-melt
- All time guidance of crooked, twisted or bend

 Z-PRESS product brochure

laminations

- Flexible edge joint
- Pressing pusher with Servo rack drives
- On-demand edge gluing startup
- Automated filling and emptying of the press
- Quick and automated dimension change
- Easy applicator maintenance and simple glue storage

## Technical data

### Z-PRESS CL

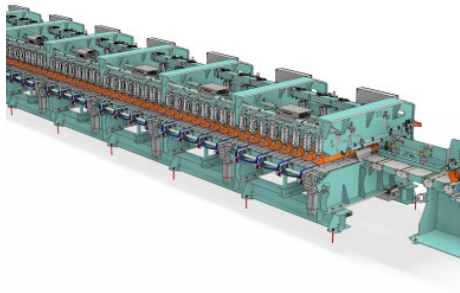
	Lamination width	100 - 250 mm
	Lamination thickness	20 - 45 mm
	Pressing length	2,2 - 3,7 m

## Photo gallery





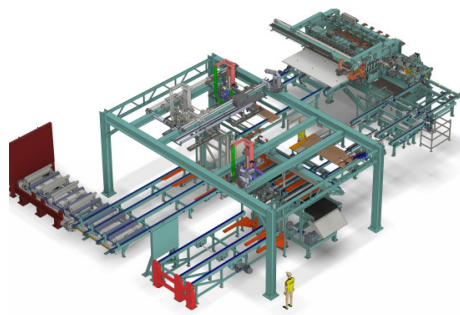
## Related products



### ▶ Z-Press

Edge gluing press with hot-melt for fast assembly bonding of solid wood laminations. Multiple widths or continuous single-layer panels are produced from edge glued laminations. Suitable for the advanced and high capacity CLT production.

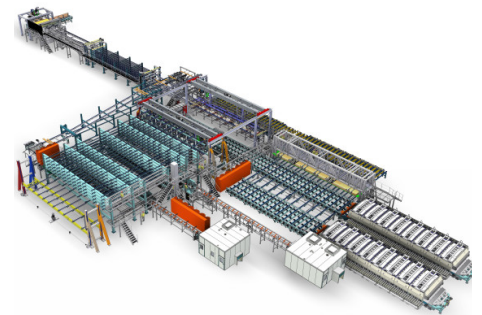
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### ▶ Z-Press for CLT cross layers at Stora Enso put into operation

Despite Covid-19 and the consequencing difficult conditions, a complete CLT cross-layer system with a new Z-press CL was assembled on time and on schedule at Stora Enso in Ybbs.

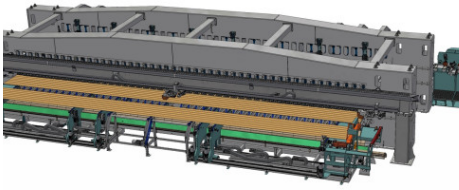
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### ▶ CLT line in Germany

The company Binder has invested in a new industrial production of BBS XL large format cross-laminated timber panels for its CLT plant in Burgbernhem Germany

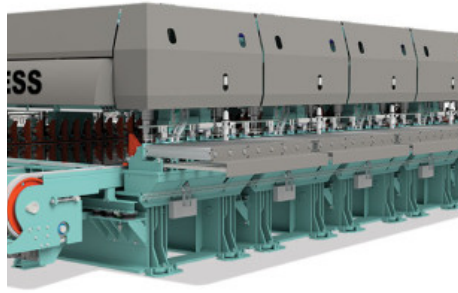
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## ▶ Unipress

Heavy automatic through-feed edge gluing press line for production of endless edge glued panels. Large format solid wood panels are produced by edge gluing of laminations.

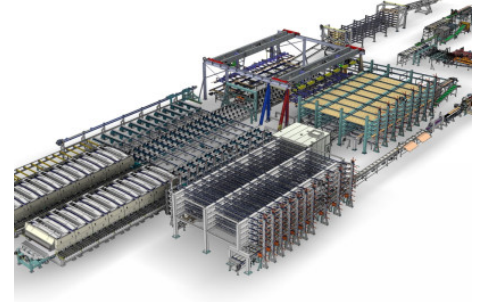
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## ▶ X-Press

Cross laminated timber press CLT Press XPress for excellent quality products

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## ▶ CLT production line Norway

Company Splitkon AS from Åmot in Norway has invested in a new industrial production for large format cross laminated timber panels.

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