

Z-Press Super

Edge glue press Super

An advanced, extended version of our Z-Press edge gluing system, the "Z-Press Super" is designed for high-speed assembly of solid wood laminations using hot-melt or PUR adhesives. Thanks to its extended pressing area, the Z-Press Super enables the use of PUR glue to achieve an exceptionally strong bond at reduced capacity. This enhanced bond line is especially beneficial when timber moisture decreases due to low ambient humidity. On visible layers, the PUR glue line prevents gaps caused by timber shrinkage, ensuring a flawless appearance.

A quick and simple switch between adhesive types offers remarkable production flexibility. The system allows the production of multiple panel widths or continuous single-layer panels from edge-glued laminations. These pre-assembled panels are ideal for advanced, high-capacity CLT production or similar applications.

A true game changer in modern CLT manufacturing.

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/m³; depending on width and thickness of laminations
- **Lower production costs** per m³; more press cycles can be made per shift due to less required open time
- **Less single parts** to be handled; on a 5-layer cross panel (16 x 3m with 100 mm wide laminations) you assemble 5 parts instead of 540
- **Hotmelt and cold glues** (PU, EPI, PVA...) can be combined; for special applications and surface requirements

Features of the Z-PRESS SUPER:

- Z-Press with Extended pressing zone where hotmelt or PUR can be used
- PUR use for high strength edge joints
- Fast assembly bonding with easy to handle hot-melt
- All time guidance of crooked, twisted or bend laminations
- Flexible edge joint
- Pressing pusher with Servo rack drives
- On-demand edge gluing startup

[Z-PRESS product brochure](#)

Technical data

Z-PRESS



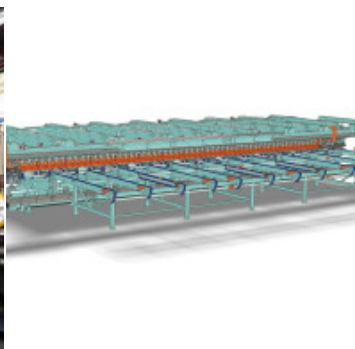
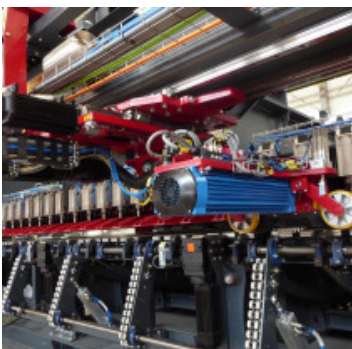
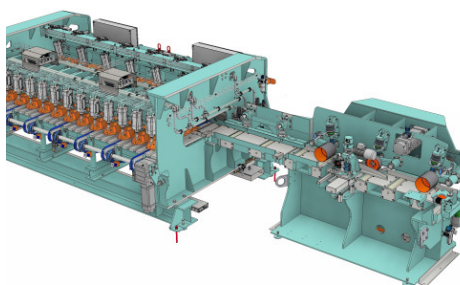
	Lamination width	100 - 250 mm
	Lamination thickness	20 - 45 mm
	Pressing length	8 - 18 m

Photo gallery



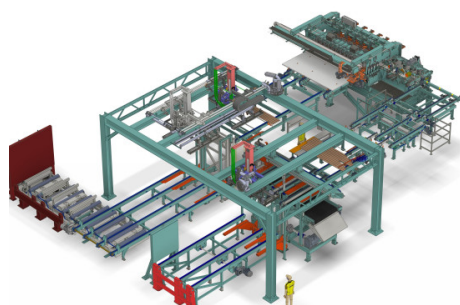


Related products

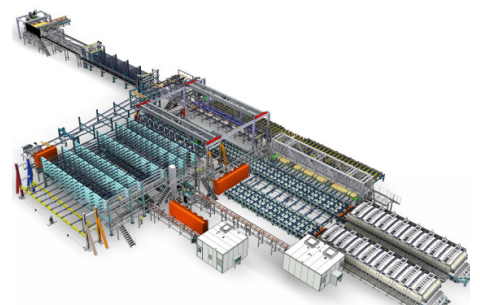


▶ Z-Press CL

Edge gluing press with hot-melt for fast assembly bonding of solid wood laminations. Single



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



▶ CLT line in Germany

The company Binder has invested in a new industrial production of BBS XL large

layer panels for CLT cross layers are pre-assembled from edge glued laminations.

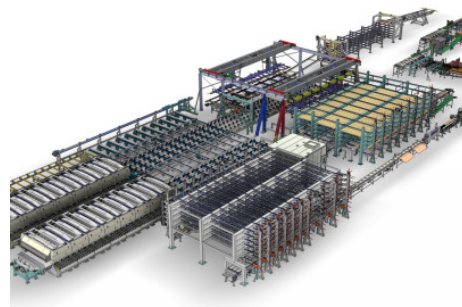
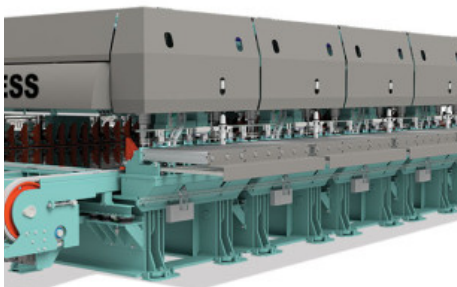
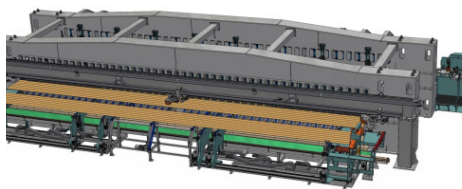
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Despite Covid-19 and the consequencing difficult conditions, a complete CLT cross-layer system with a new Z-press CL was assembled on time and on schedule at Stora Enso in Ybbs.

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format cross-laminated timber panels for its CLT plant in Burgbernheim 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

Universal High-performance press for large size CLT for single Lamelas assembly and edge glued panels. Suitable also for double or multi press systems using interchangeable aluminium PE coated loading tables.

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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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