

# W-Press Line for Scantlings and Small Beams



**KALLESOE**

# CAPACITY

(7.5 hours): 20 m<sup>3</sup> - 60 m<sup>3</sup> (700 ft<sup>3</sup> - 2100 ft<sup>3</sup>)



The W-press line is designed to fit exactly to your products and needs.

## W-PRESS LINE

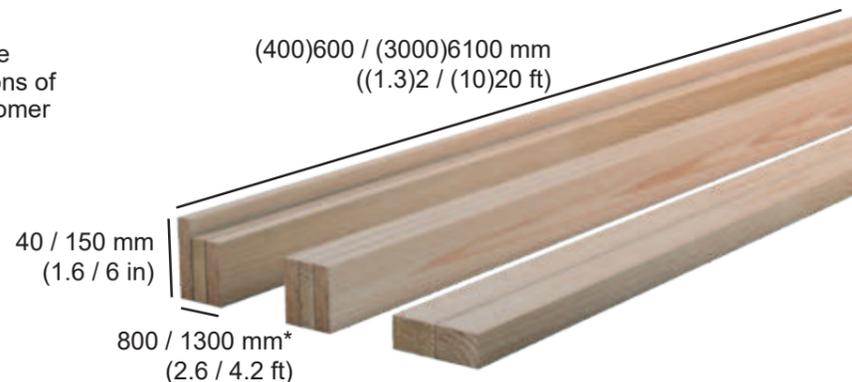
This high-frequency (radio-frequency) plant from Kallesoe Machinery is a particularly efficient production line with high capacity and very short pressing times.

The W-press can be adapted individually and can, as illustrated, consist of a magazine table, a glue application and lay-up system KL30.13, and a high-frequency press type LHF6114.

With this production line, you will have the most reliable high-frequency plant on the market, ideal for the production of scantlings and small beams.

### SPECIFICATIONS

The illustration shows the possible minimum and maximum dimensions of the final product, but special customer demands can be implemented.

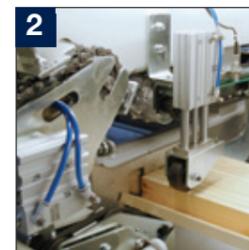


\*1300 mm (4.2 ft) is the accumulated pressing width



The glue application is done as follows: A push-in device pushes each lamella into the glue applicator, where several rollers pull and guide the lamellas under the glue nozzle (when using two-component glue a hardener nozzle can be added).

With different lamella dimensions in the same lay-up, the glue nozzle is lifted and lowered automatically.



After the glue is applied, the lamellas are cross led by means of V-belt conveyors into a device where they are set-up on edge – and further on into a magazine where they are gathered. The V-belt conveyors ensure a smooth and constant cross conveying.



When the magazine is filled the joint lamellas are lowered onto the feeding table beneath and aligned. Simultaneously the application of glue onto the next row of lamellas is initiated.



The press is equipped with a high-performance and reliable high-frequency generator ensuring very short pressing times.

The pressure is adjusted fully automatically according to the current work pieces.

The plant is fully and safely shielded to avoid electrical disturbance in the surroundings.

### A SOLUTION FROM KALLESOE MACHINERY GUARANTEES:

- Sturdy and reliable products
- Easy and logical operation
- Flexible solutions
- High capacity and low energy consumption
- Increased production

### TECHNICAL INFORMATION

Generator:

100 - 200 kW

Capacity per shift (7.5 hours):

20 m<sup>3</sup> - 60 m<sup>3</sup>  
(700 ft<sup>3</sup> - 2100 ft<sup>3</sup>)

# ACCESSORY EQUIPMENT

The press line can be adapted and extended with various solutions according to your needs.



## IN FRONT OF THE PRESS

the following can be placed (examples):



**Sorting equipment**  
for the optimum sorting  
of lamella quality before  
further processing of the  
wood

## BEHIND THE PRESS

the following can be placed (examples):



**Work piece stacker**  
for automatic  
stacking of work  
pieces on pallets



**Magazine table** with  
manual feeding and  
automatic extraction of  
lamellas



**Robotic solution** for  
stacking of finished  
scantlings

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