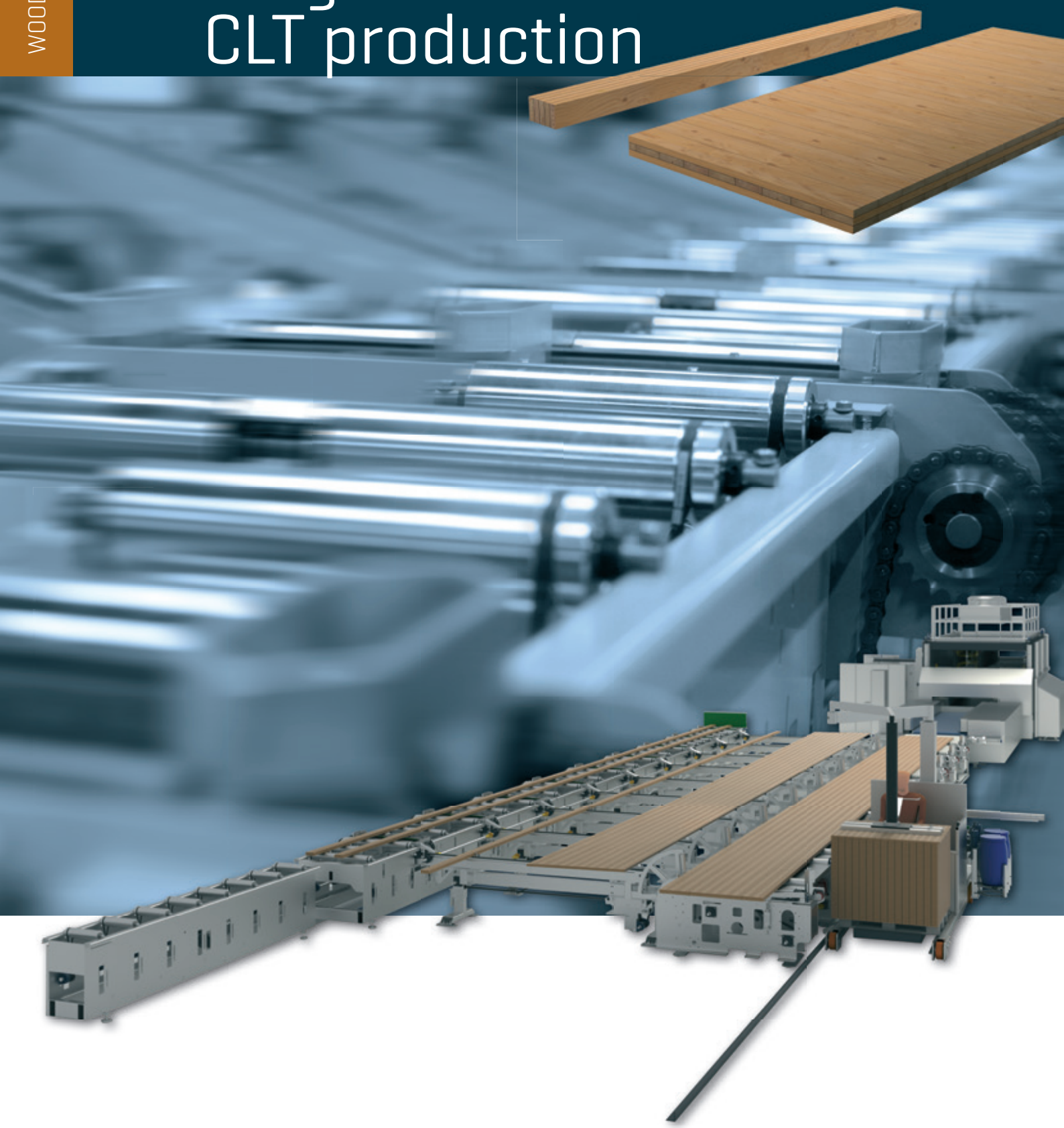
WOOD INDUSTRIES

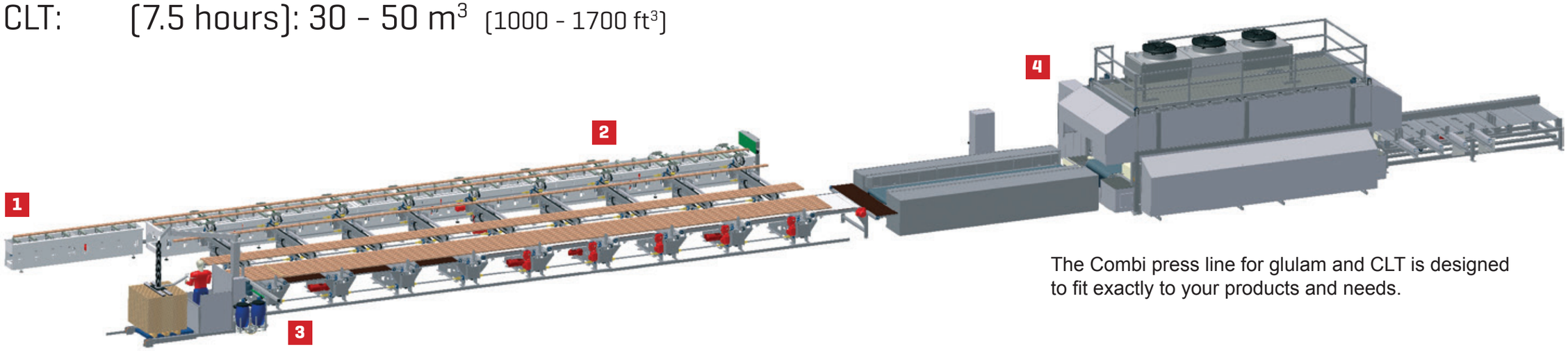
Combi press
for glulam and CLT production



KALLESØE
MACHINERY A/S

CAPACITY

Glulam: (7.5 hours): 60 - 180 m^3 (2000 - 6000 ft^3)
CLT: (7.5 hours): 30 - 50 m^3 (1000 - 1700 ft^3)



The Combi press line for glulam and CLT is designed to fit exactly to your products and needs.

COMBI PRESS

This efficient high frequency (radio frequency) production line with its special designed lay-up system allows the manufacturing of two different product types in one and the same system.

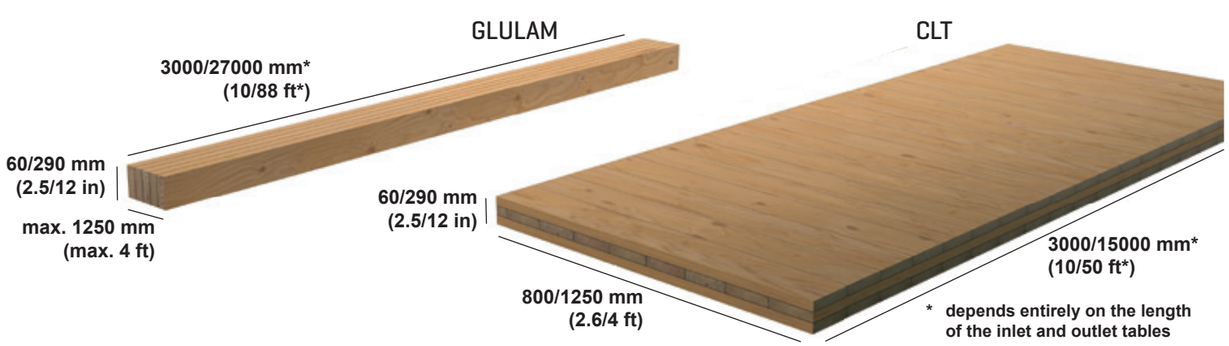
This enables an extended product range and increased capacity without requiring additional space.

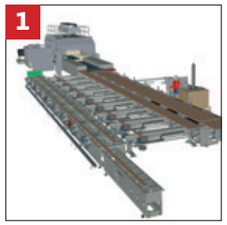
The advantages of using high frequency curing are short pressing cycles and increased capacity - the ideal solution for an order-based production.

The illustrated Combi press line handles up to 27 meters (88 ft) long elements (endless pressing) and we custom design every line to the specific demands of the customer.

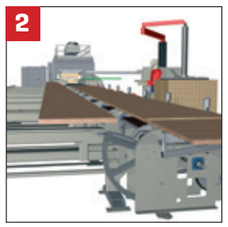
SPECIFICATION

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

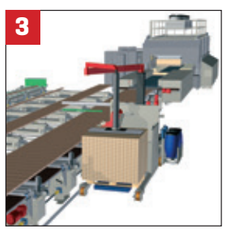




When manufacturing glulam beams, the glue is applied from above. The glued lamellas are cross conveyed one by one, turned 90°, joined and fixated in a charge. Following this, the charge is loaded onto a belt conveyor which feeds it into the press.

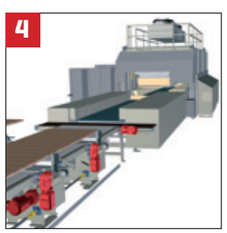


When manufacturing CLT elements, the glue is applied to the side of the longitudinal lamellas. The lamellas are cross conveyed to a temporary collection unit, where they are joined together and lifted onto a belt conveyor for adding more layers.



A special designed glue trolley applies glue on top of the longitudinal lamellas and then the cross lamellas are positioned by means of a vacuum lift installed on the glue trolley.

After gluing, the CLT element can be completed with a second layer of longitudinal lamellas, or the process is repeated until the desired number of layers has been reached.



The completed product charge is fed into the high frequency press where it is pressed from the side and the top and the high frequency energy is added for a rapid curing.

A SOLUTION FROM KALLESOE MACHINERY GUARANTEES:

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

TECHNICAL INFORMATION

Generator: 80 - 200 kW

Capacity per shift (7.5 hours):

Glulam: 60 - 180 m^3 (2000 - 6000 ft^3)

CLT: 30 - 50 m^3 (1000 - 1700 ft^3)

WHY CHOOSE A **KALLESOE** SOLUTION

Kallesoe Machinery has a long tradition in developing and manufacturing wood laminating systems and equipment for customers worldwide.

Our flexible and customized plant solutions are individually designed to fit customer's physical environment and product demands.

We emphasize high quality, performance and reliability which makes it natural for our customers to choose a Kallesoe solution.

Read more about our products and capabilities:

www.kallesoe-as.com

KALLESOE MACHINERY A/S

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